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HARVEST REPORT**

# HIGH TIMES

**NOVEMBER 1986**

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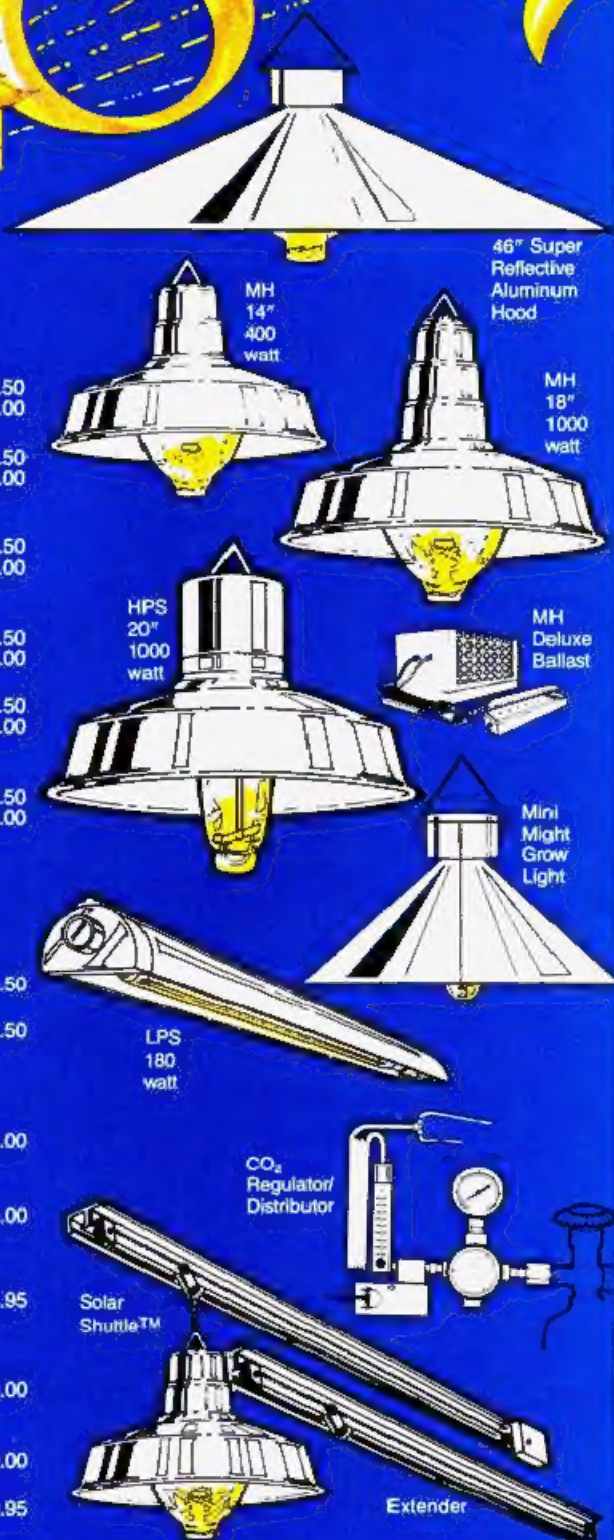
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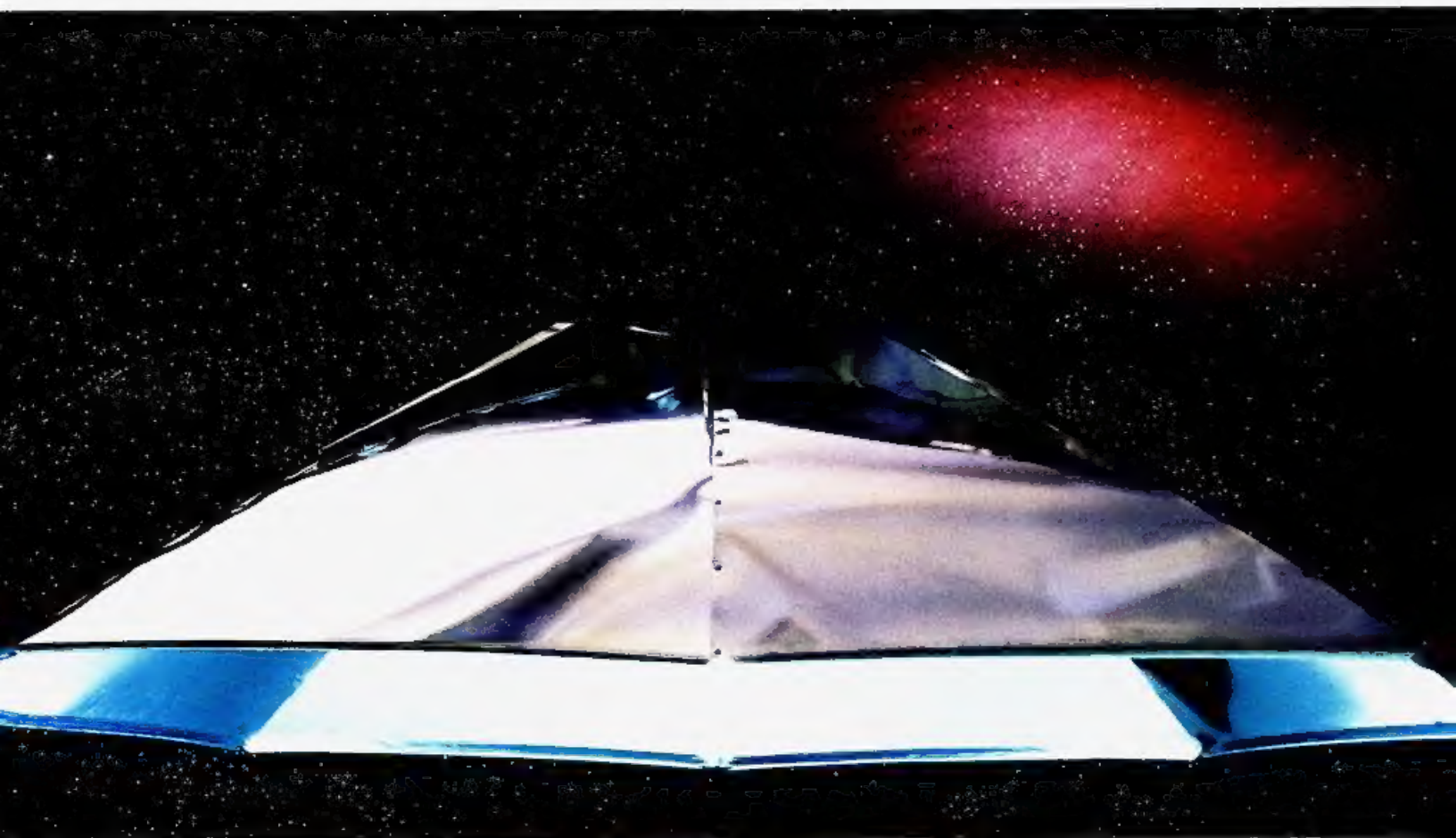









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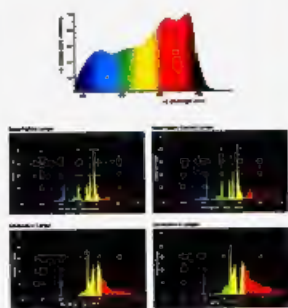
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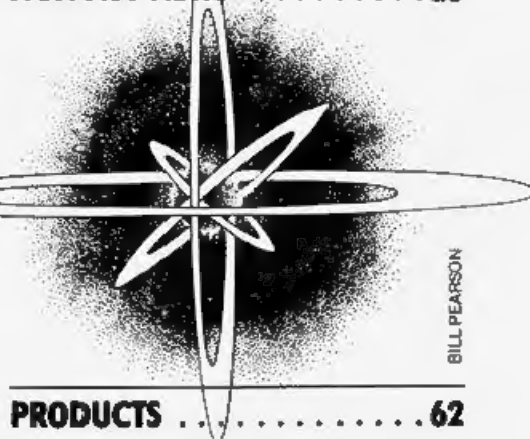
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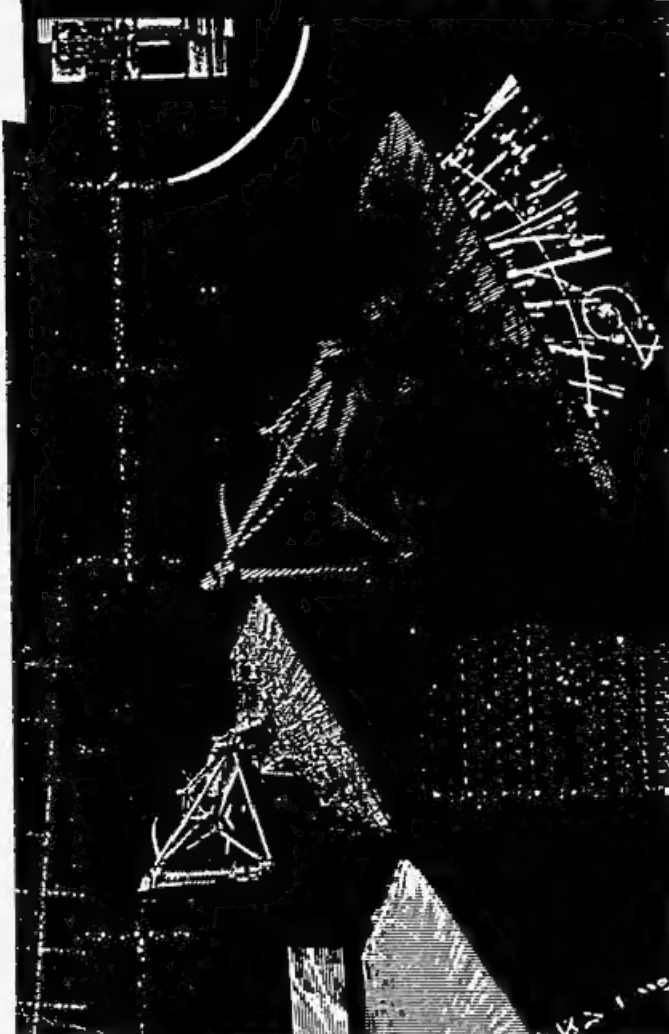
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# LETTERS



DAVID ALLEN

## BRIBING SALVATION

I urge HIGH TIMES to publicize a generous reward for anyone who comes forward with information proving major safety defects at a nuclear power plant. This may help prevent another nuclear accident, such as the one at Chernobyl.

—Tom Falvey  
San Francisco, California

We don't believe it's ethical to pay for things that rightfully should be done out of simple, common humanity. Remember the story of the little Dutch boy who stuck his finger in the leaky dike and stayed there bravely until he died? If that kid had been being paid by the hour, he probably would have said to hell with it, and scooted to high ground to spend his money.

## MAIL-A-THON

This letter is an open challenge to HIGH TIMES readers. Do you smoke marijuana or feel it should carry a lesser penalty for personal use? Then join me in our own fundraiser for NORML. Please send \$1 to: NORML, 2001 S Street, Suite 640, Washington, D.C. 20009.

—Captain Zoso

A dollar?? Captain, we're glad your heart is in the right place, but we bet the impoverished folks at NORML wish you'd been thinking about nine bucks higher. A dollar?!

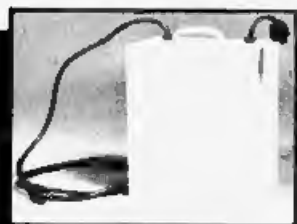
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continued from page 6

## THE DEAD LIVE

Hey man, Ed Hassle's definitely right: an issue devoted to the Grateful Dead would be welcomed by many of your readers, especially myself! I'm ashamed my favorite magazine doesn't spend more time covering the Dead—especially with Jerry recovering from a coma! As for the Fleshtones... I've heard of 'em, I've heard of 'em. They're okay. But there's nothing LIKE THE GOOD OLD GRATEFUL DEAD!!!

—Pippy the Deadhead  
New Paltz, New York

## LOVE THE DEAD

The Grateful Dead aren't just music, man, they're an environment, and a beautiful one at that. With Jerry feeling sick, it's a scary time for us all. We have to let him know we love him.

—Sandy  
Teaneck, New Jersey

## LET DEAD EARS LIVE

Ed Hassle may have gotten a raw deal on his suggestions, and I like his idea of a Grateful Dead issue, but I must part company when Ed starts attacking new music. I am an underground musician and home-grower and I think everyone should give new music a chance! Loosen up, Ed! Sit back, smoke a splif or two and give it a listen!

—The Attic Musician  
Rochester, New York

Ed Hassle's "My Amerika" returns—see p.10. Also, a HIGH TIMES special issue, dedicated to the Grateful Dead, is scheduled for February, 1987. Readers are encouraged to submit short stories, anecdotes, cartoons, etc. pertaining to the band. Send all material to Ed Hassle, c/o HIGH TIMES, 211 E. 43rd St., New York, N.Y. 10017.

## NEVER SURRENDER

I am writing concerning a group of arrests in and around Gordon County, Georgia. In all cases, vehicles traveling on Interstate 75 have been stopped for minor traffic violations (speeding, inoperative lights, etc.), and the driver is asked to sign a "consent to search" form. If the driver refuses, he or she is told a search warrant will be obtained. There have been many drug busts as a result of this operation. The truth is, if the driver doesn't sign the form, he is free to go!

—J.B.  
Rome, Georgia

continued on page 69

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Things have been pretty dry around here the last few weeks—I can't even remember the last time I took a tok of some primo homegrown. That's one reason why I'm madder than a greenhouse grower whose prize indica bud has just been invaded by ravenous, resin-sucking, sap-sucking spider mites! And then I took a look at the Top 40 on page 98.

Supposedly, the Top 40 is how HIGH TIMES finds out what its readers are all about. Our fellow heads are supposed to fill out the form with their favorite things in life—like sinsemilla, psychedelic music, motorcycles, etc. It's the brainchild of some guy named John Holmstrom, who I'm told is some sort of genius. Anyway, Top 40 was doing fine and Holmstrom put the Grateful Dead up on the list (*right on, John!*). But take a look at what just entered this month! **RONALD REAGAN!!!!** That's right, the arch enemy of every self-respecting head in Amerika! Now I don't give a shit about the right wing asshole who voted for Ray-gun. I just think it's the duty of the *true* readers of this magazine to take a stand on this issue.

Please send votes to Top 40, c/o HIGH TIMES, 211 East 43rd Street, NYC 10017, and put "DUMP REAGAN" in the number three slot (right behind the Grateful Dead and indoor homegrown buds). If we get enough responses, maybe we can organize a "Dump Reagan" march next summer. My idea is to surround the White House and have everyone take a leak on the lawn. Maybe then the fascist mind-police will get the message about how we really feel about piss tests.

PEACE, Ed



# MY AMERIKA BY ED HASSLE

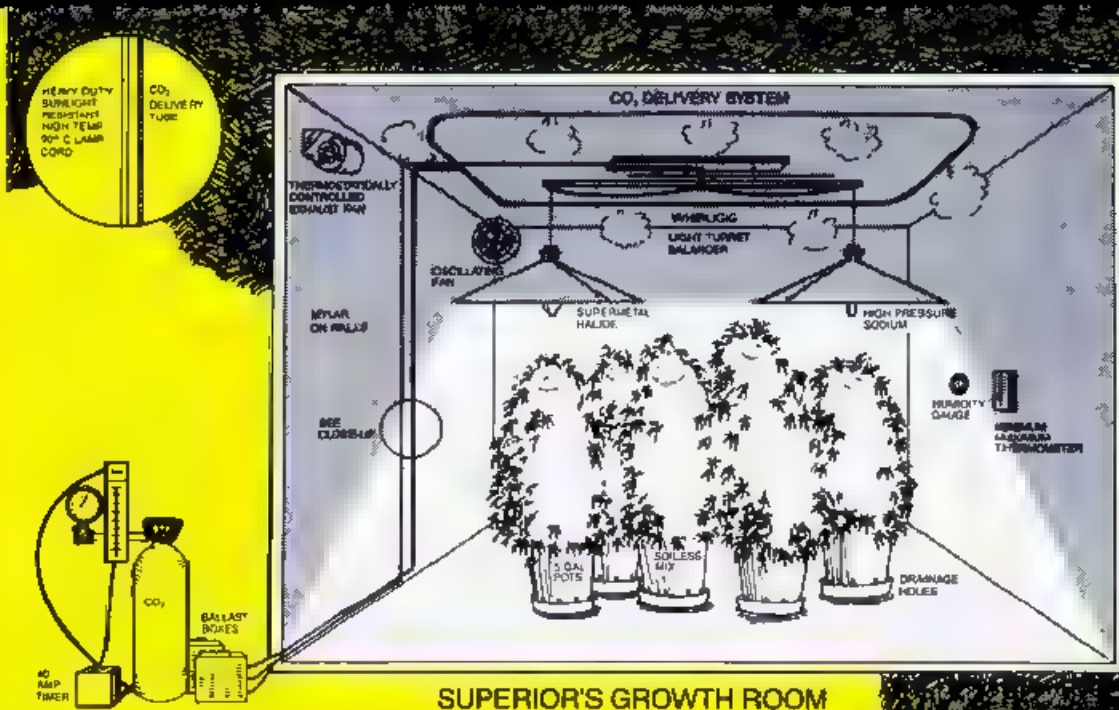


# FLASHES

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6 units (Pump & 5 satellite trays) . . . \$899.00



### SPECIAL OFFER

- ☐ 2 units, 1 deluxe light MS1000 w/46" reflector plus 1 solar shuttle . . . Regularly \$663.50  
On Sale \$599.00
- ☐ 4 units, 2 deluxe systems MS1000 bulb w/46" reflectors plus 2 solar shuttles Regularly \$1217.00  
On Sale \$1099.00
- ☐ 6 units, 3 deluxe systems w/46" reflectors plus 3 solar shuttles . . . Regularly \$1794.50  
On Sale \$1639.00

## 2 Remove the pollutants from the air.

Our Negative Ion Generator by Pulsair uses a back-and-forth emission/collection cycle that makes it extremely effective in removing smoke, dust, pollen and other pollutants from the air. The ions actually kill airborne bacteria and will remove dirt particles as small as 1/1000 micron. Will work in rooms up to 250 sq. ft. . . . \$99.00



## 3 Monitor your environment.

The SENSAPHONE is an automatic 24 hour alarm system that closely monitors all critical growroom activities — and calls up to four user-selected telephone numbers to alert you of any temperature changes (you set the high and low limits), power failures, unusual sounds, or other crippling emergencies. It does this all by



talking to you in plain English. You can call SENSAPHONE at any time and get a status report (temperature, power, etc.) via its voice synthesizer.

After it gives its reports, it will open up its microphone to let you listen in to the growroom for 15 seconds for any unusual sounds. With the paging accessory, SENSAPHONE will beep you through a local automated paging service to alert you of any growroom problems.

SENSAPHONE is also a great security system when coupled with the infrared sensor which can detect any movement in an area up to 35' in distance. Our vibration detector and/or conventional magnetic security switches can also be attached for additional security. In the event of an unauthorized intrusion, you will be called and informed that an alert condition exists.

Easy to install, just plug it into your phone line.

**SENSAPHONE MONITOR** — base unit monitors temperature, power, & noise level . . . \$249.00

You may add any or all of these accessory SENSAPHONE attachments. Just connect to your SENSAPHONE alert stations to warn you of these growroom problems

**Water Detector** — detects presence of water on the floor or other area . . . \$29.00

**Humidity Sensor** — you set high and low humidity limits — SENSAPHONE calls you if they are exceeded . . . \$79.00

**Lamp Out Sensor** — detects a burned out bulb . . . \$49.00

**Tempalarm** — add high-low temperature sensors for additional rooms . . . \$49.00

**Vibration Detector** — detects any vibration due to unauthorized entry or other source . . . \$49.00

**Water Level Detector** — alerts you when your hydroponic reservoir is low . . . \$29.00

**Magnetic Contact Switch** — use on doors and windows to detect unauthorized entry . . . \$6.00

**Smoke Alarm** — triggers SENSAPHONE if there is smoke or fire . . . \$19.00

**Infrared Sensor** — detects human movement up to 35 feet away . . . \$99.00

**Paging Adaptor** — allows your SENSAPHONE to access an automated paging system whereby you are beeped if an alert condition exists . . . \$99.00

## 4 Protect your lighting system.

We are very excited about our new invention — The Surge Survival System. You can now protect your lighting investment from electrical surges, brown-outs, electrical storms and lightning strikes. Burned out bulbs and ballasts, especially on High Pressure Sodium units, can be a costly experience.

Our unique new system electronically monitors your power line for both high voltage and low voltage problems. When your voltage reaches a dangerous level, the Command Module instantaneously shuts down the lighting system just long enough to allow the bulb to cool and the voltage to stabilize. The Command Module then analyzes the line voltage and turns on the lighting system if the voltage is within safe limits. If the voltage is still too high or too low, the Command



Module will measure the voltage every few minutes until it is safe to turn on the lighting system

The Command Module will control an unlimited number of Remote Modules. Each Remote Module can switch one 1000 watt system at 120 volts or two 1000 watt systems at 240 volts

**Command Module with one Remote Module** (120 or 240 volts) . . . \$99.00

**Additional Remote Modules** (120 or 240 volts) . . . \$29.00 each

See additional product listing inside front cover.



**Energy Savers Unlimited, Inc.**

22138 S. Vermont Ave. #C, Torrance, CA 90502

Call Toll Free:



Outside California (800) 421-2994

In California (800) 538-3400

Prices do not include shipping. One year parts & labor guarantee. 30 day money back guarantee. Most orders shipped in 24 hours. C.O.D. orders welcome. No deposit required. Quantity prices available. Call for free catalog.

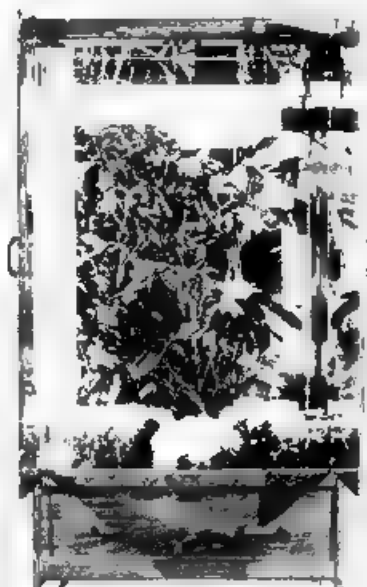


# URBAN PLANTATION

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## *When Discretion Is Your Growing Concern*

- URBAN PLANTATION™ CLOSET FARMER is the highest quality self-contained growing system ever created.
- All our customers are getting 100% results within three months
- Average cost of electricity—\$3–\$6 per month
- Dependable, friendly back-up service



All products of highest quality UL inspected. Full two year guarantee. Bulbs one year. Metal halide and high pressure sodium are available.

*Remember. Some things belong in the closet!*



*This attractive oak finish cabinet enhances any room.*

### KIT INCLUDES:

- CABINET 5'1" x 33" x 23½"
- Assembly instructions
- Growing instructions
- Light fixtures
- Spectra lights (240 watts of full spectrum lighting)
- Timer
- Ventilation fan
- Pots and drain pans
- Nutrients
- Mylar for intense reflection
- Completely light sealed
- Much, much more for the low cost of \$399<sup>00</sup>

### *What are you waiting for?*

For the Low Low cost  
Allow 2-4 weeks for delivery

**\$399<sup>00</sup>**

Call or Write for Urban Plantation™ Catalog

- Super deluxe Closet Farmer with CO<sub>2</sub> and Hydroponic kit \$699<sup>00</sup>
- Complete Hydroponic kit \$195<sup>00</sup>
- Single Hydro-Modular \$58<sup>00</sup>
- CO<sub>2</sub> Enrichment \$159<sup>00</sup>

*Yes, please rush me*

☐ URBAN PLANTATION™ CLOSET FARMER for the low cost of \$399<sup>00</sup>

☐ Super Deluxe Model for \$699<sup>00</sup>

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1850 4th St  
San Rafael, CA 94901



# HIGHWITNESS NEWS

NO. 135 • NOVEMBER 1986

## WHAT TO DO IF YOU'RE FIRED BY A URINE TEST



By Dean Latimer

SAN FRANCISCO

**S**o far, drug-urinalysis testing has twice gotten the Greyhound Company in bad legal trouble. Greyhound has twice fired drivers and mechanics after drug-testing them, and both times the fired employees went into labor arbitration, and were awarded reinstatement with back pay. The Department of Defense has had no end of expensive legal trouble over its urinalysis program since it began in 1982, with hundreds of servicepeople every year demanding full court-martial hearings to clear their names of drug allegations. Last year the DoD had to advise over 70,000 former service people that the drug tests which had gotten them in trouble were meaningless, and they all ought to apply to the Board for Corrections of Military Records in Washington for full reinstatement and back pay;

since that time, with all those thousands of slandered people costing the DoD all that extra legal money, the armed services have wisely stopped discharging people automatically when they pull drug-urine "positives." But the most com-

prehensive legal rebukes to drug-testing have occurred—significantly—in correctional situations. The state supreme courts of Connecticut and New Jersey have ruled that unsupported drug-screening results can't be used against state prison inmates, and a federal judge in Iowa has ruled that they can't be used against jail guards anywhere within his jurisdiction.

If you want all the exact legal chapter and verse—case names, file numbers, etc.—on these and scores of other important legal decisions that have ruled against drug-testing, you can write to attorney Kevin Zeese at NORML, which has been party to numerous lawsuits challenging drug urinalysis. But you really ought to think about contributing

*continued on page 19*



Pisstesters pHucked Again!

# BOSSSES STRIKE BACK AT SAMPLE- SALTING

By Mary W. Montague

CHICAGO, ILLINOIS

**A**fter *Newsweek* magazine revealed last spring that commercial drug-screening urinalysis machines can be easily foiled with "a few teaspoons of salt added to the sample," the war against doping in the American workplace downshifted gears in many corporations, and became a war on drug-test cheats.

Since that disclosure, employers with urine-test programs already in place have had to seek guidance from expensive professional "drug-abuse consultants" to try to figure out ways to thwart sample-salting, and some have even been forced to spend a great deal of extra money on special guards and expensive new urine-testing procedures.

"There's no substitute for close, direct eyeball surveillance," one professional corporate drug-urinalysis consultant told *HIGH TIMES*. Many corporations already hire special personnel to closely observe their job applicants and employees as they urinate at the sample-collection site, as scores of phone calls and letters to *HIGH TIMES* have mentioned over the last year. According to the professional consultant, who agreed to speak under a guarantee of an-

onymity, the practice of eyeball urine surveillance is particularly widespread now in companies in the Deep South and Southwest, and especially in companies whose employees are primarily male

## Tales From The Dry Room

As described, the preferred arrangement centers around a "dry room," where the urine-test subjects can be watched in



● Reformed sociopath/drug addict John ("Papa") Phillips.

# CELEBRITY ADDICT CONFESSION!

Celebrity drug confessionals have become a drug on the publishing market in the mid-'80s: quick, cheap, invariably enjoyable, but regrettably amnesia-producing. The reviews tend to be considerably more memorable. For example, here's this savory comment from David Finkle, in *The New York Times Book Review*, on '60s balladeer John Phillips' lachrymose addiction chronicle, *Papa John*: "Mr Phillips is not altogether realistic about himself. He recalls that when he was a postman, he threw mail away because his mailbags were too heavy; as a graveyard plot salesman, he received down payments, pocketed the money and never recorded the transactions. Still, on page 297 of this 444-page book, in reporting how he skipped out on a \$2,000 hotel bill, he writes, 'My values were beginning to corrode under the prolonged influence of hard drugs.'" ●

an environment totally free of pure water with which they might dilute their samples. "First they're directed to a changing room, where they remove their clothes and dress in a hospital gown," the consultant declares. "This is to keep anyone from bringing in a balloon or whatever full of clean urine hidden in their clothes. Then they go to the dry room, usually a bathroom with the

water taps sealed off, and only enough water in the toilet to handle the spillover from the sample cup. And I recommend that the water be dyed blue or red so that no one can dip the cup down into it to dilute his sample. Even with two people watching, and two is the *minimum*, some people can be awfully tricky at sleight of hand."

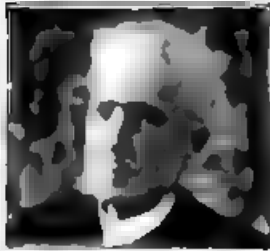
Many employees, and espe-

*continued on page 85*



# PHOTOTRON

PIONEERS IN THE MODERN ERA OF RESEARCH ON THE MINERAL NUTRITION OF PLANTS...ONE OF THEM WILL CHANGE YOUR LIFE



**LUTHER BURBANK** lived from 1849 to 1926, and not before or since has there been a greater contributor to plant development. Every domesticated fruit or vegetable or flower has been produced by Mr. Burbank directly or by his methodology.

Mr. Burbank's methodology was extremely simple. (1) First he would GATHER the most extensive seed stock of a particular species from all over the world. (2) Then he would PLANT all of the seeds closely together. From the resulting ten thousand plants, he would (3) SELECT one or two that had the most pronounced characteristic of size or shape or scent or color or whatever he was looking for. (4) From those one or two plants, all of the seeds were PLANTED and from the resulting ten thousand plants, only one or two would be (5) SELECTED that further developed more of the desired characteristic. This process of planting and selection would be repeated as often as necessary from a few generations to hundreds of generations until Mr. Burbank would release the final seed stock to the rest of the world.

Mr. Burbank grafted one hundred different types of apple branches onto a single apple tree and each branch bore a completely different fruit the first year for his personal selection. Inventing this grafting technique, he squeezed thousands of years

The Burbank Potato Quadrupled World Production in One Year. Luther Burbank never needed a lot of space. In his lifetime he conducted over one hundred thousand series of experiments and changed the world on less than three acres of land.



**DENNIS ROBERT HOAGLAND**, 1888-1949, was the inventor of the "four salt Hoagland solution" from which all HYDROPONICS are based. Although a brilliant botanist, Dr. Hoagland was interested in only one thing, the BIO-MASS (size and weight) of the TOMATO produced hydroponically. Working under the scientific assumptions of the early 1900s, Dr. Hoagland's world assumed four things:

A. Plants had a life cycle leading to death. **WE NOW KNOW** plants have a very different way of achieving a life and death cycle than does the human being. Humans are more genetically structured toward their life and death cycle than plants. Plants allow environmental factors to control not only their life and death cycle but their sex as well. Such things as (1) "PHOTO-PERIOD" (length of time under light and dark), (2) "THERMO-PERIOD" (length of time under temperature variation), and most importantly (3) "NUTRIENT PERIOD" (length of time under a given nutrient configuration).

B. Maximum SIZE and WEIGHT before death of (a) root, (b) shoot, (c) fruit. Known as the "root to shoot to fruit ratio" was the absolute goal. **WE NOW KNOW** the "root to shoot to fruit ratio" is a fallacy. There is no such thing. While keeping

per plant. (\*Footnote: See inter-nodal length graph at top of page 12.)

that a fresh nutrient supply be pumped in while the used nutrient supply drains out. This allows the plant to absorb excess amounts of calcium. If allowed and the plant gets GARDENING OF THE ARTERIES and dies after one seasonal growth period.

against excess concentrations by a soil medium.

**CATION EXCHANGE CAPACITY** (CEC). The CATION EXCHANGE CAPACITY of a soil medium is the ability of that medium to ABSORB AND RELEASE a nutrient solution. The greater the root surface area, the more efficient the nutrient uptake for faster growth.

Chromatographic assay (GLC), Thin-Layer chromatographic assay (TLC) and sophisticated atomic absorption equipment were not available.

If Dennis Robert Hoagland had access to 1986 technology in 1920 he never would have designed the hydroponic system.



**JEFFERY JULIAN DEMARCO**, 1951-\_\_\_\_, is President and founder of PYRAPONIC INDUSTRIES and is the inventor of the methodology known as GROWING PLANTS PYRAPONOMETRICALLY and the PHOTOTRON.

Three things are required to grow plants pyraponometrically: 1. A laboratory grade growth chamber known as the PHOTOTRON. 2. A specific METHODOLOGY for plant growth and manipulation (instructions). 3. A very specific NUTRIENT SUPPLY COMPUTER DESIGNED IN PARTS PER MILLION (PPM) for each individual. The exact nutrient calibrations are individually calibrated based upon two soil samples taken from the phototron: one after FORTY-FIVE DAYS of plant growth and one after 90 DAYS of plant growth - ONLY TWO ARE REQUIRED.

Mr. DeMarco's Masters thesis was on the cannabinoid profile of marijuana. After working under both federal and state license in a laboratory at a major university for over two years, and since 1976 has developed the phototron, the methodology and the chemistry to study the internal workings of the plant (not just the SIZE and WEIGHT, but almost importantly to study the MOLECULAR and PHARMACOLOGIC properties of the plant). The research developed in pursuit of Mr. DeMarco's

research PERTAINS TO ANY PLANT.

gram (GLC), Thin-Layer Chromatogram (TLC) and Atomic Absorption

of a pin. When you're concerned about growing structures so infinitely tiny, what difference does the size of the plant make?

large shoot to grow large fruit.

inter-nodal lengths) and maximize the number of budding sites and size of the bud, flower or fruit.

RICALLY, the marijuana plant was used because of its unique properties.

(6) To produce 6-8 ounces of plant material every 45 days.

Fruits and vegetables, 8 varieties of tobacco and will force flower roses 365 days per year.

A year or two years from now PYRAPONIC INDUSTRIES will mass market the PHOTOTRON through the major retailers, on television and radio. I will look forward to working with you. Thank you very much.

*Jeffery Julian DeMarco*

**1-312-544-B-U-D-S**



# PHOTOTRON

## OVER 3,000 SOLD.

### HAWAII VS THE PHOTOTRON

Hello, my name is Jeffery Demarco, President and Founder of PYRAPONIC INDUSTRIES.

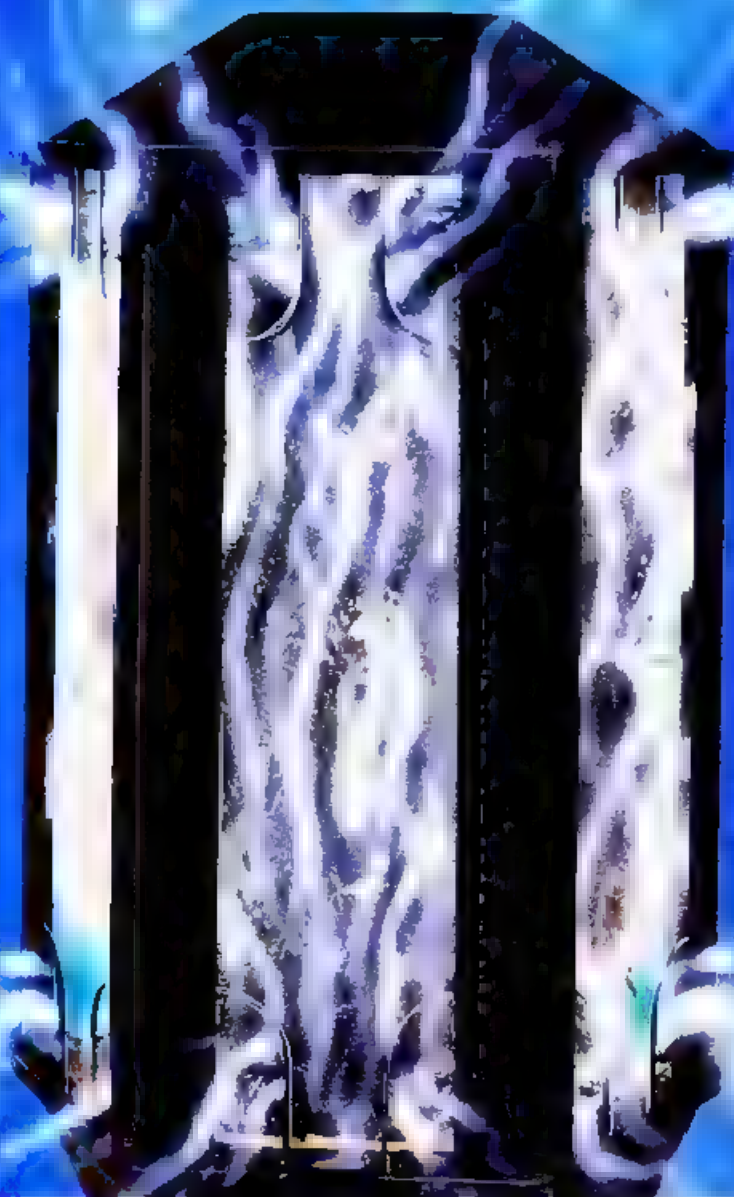
My masters thesis is on the cannabinoid profile of marijuana. I tell you this for historical footnote only.

In pursuit of my own masters thesis, generated the most extensive popular literature library in the world. Then, I generated the most extensive scientific bibliography in the world. I then went into a laboratory under Federal license at a major university in which I designed a laboratory grade growth chamber called the PHOTOTRON.

If you read all of the popular literature, I did. All of the scientific literature, I did. And look at every apparatus that is in High Times, you will find one common denominator. Every system, UP TILL NOW, has attempted to re-create Hawaii. I suggest that when you finally achieve the re-creation of Hawaii, you can do NO BETTER than Hawaii's results. AND WHAT ARE HAWAII'S RESULTS?

In fact you will grow the plant 6 to 9 months, 6 to 12 feet tall. In fact you will average a 6 inch internodal length. (distance between budding sites). In fact have a 10% budding ratio at the top of the plant. In fact, throw away 90% of the plant material (leaves/shake). And in fact YOU MUST START ALL OVER AGAIN.

Look. The only thing I'm waiting nine months for is a baby, number one. Number two, I do not want a tree in my house. And number three, I am not going to pay the ELECTRIC BILL TO PRODUCE THE SUN somewhere in my closet. Do not let its pretty looks fool you. Do not let its size (3 1/2 feet tall x 18 inches wide) fool you. Do not let its weight (17 lbs) fool you.



The PHOTOTRON will draw \$4.00 per month in electricity (average). My system is totally different.

In fact you will grow 6 plants, three and one half feet tall in 45 days, guaranteed. You will maintain a one inch internodal length, guaranteed. That each plant will produce 1,000 budding sites, FROM TOP TO BOTTOM, guaranteed. And there will be 6 plants per individual PHOTOTRON, guaranteed.

And this is the only system in the world where you can re-flower and re-bud the exact same plants every 45 days, up to nine times per year without killing them off, EVER. Then, you may re-flower and re-bud the exact same plants, every 45 days up to nine times per year, while you remove from the system every single solitary day. Every day (average 6-8 oz. every 45 days). You remove from the PHOTOTRON every single solitary day, beginning on day 20 from seed germination.

I personally, guarantee and service back the PHOTOTRON, so do not let its technical nature throw you. You will require THREE PAGES OF INSTRUCTIONS ONLY. Because the system is TOTALLY COMPLETE. You will do three things: 1. Select your seed. 2. Plug the system in. 3. Water it.

Then, if you have any questions at all. You may call me directly. Ask your question. Get the answer. And carry on about your business. You cannot fail with my PHOTOTRON. I do not allow any of my PHOTOTRONS to fall below SHOW-CASE. I have personally guaranteed every PHOTOTRON that has ever been sold. And I have never had one returned. I am not starting now.

Call me. Right now. I accept all of my calls, personally.

If you do not learn more about plant production than you have ever learned before, I will pay you for the call.

*Jeffery Jonathan De Marco*

CRYSTALLINE QUEEN

Singly Tinted,  
\$280.00

Doubly Tinted,  
\$280.00 . . 13%

Triply Tinted,  
\$300.00 . . 20%  
More Efficiency

#### THE PHOTOTRON

Hailie Systems

None	24	YES	YES	YES	YES	YES	YES	YES	YES	YES
80%	1	NO	NO	NO	NO	NO	NO	NO	PUMP	NO

LIGHT	LEAF SELF SHADING
NUTRIENTS	LINEAR FEET OF LIGHT
CO 2 SERVICE	SPECTRUM ADJUSTABILITY
	COMPUTER DESIGNED FOR EACH SYSTEM
	GUARANTEE FEMALE SEX
	NEVER KILLS THE PLANTS
	ONE-INCH INTERNODAL LENGTHS = 1,000 BUDDING SITES PER PLANT
	RE-FLOWER AND RE-BUD SAME PLANTS EVERY 45 DAYS UP TO 9 TIMES PER YEAR
	TOTALLY SELF-SUFFICIENT TO LEAF SATURATION
	SERVICE HOT LINE FOR QUESTIONS

"If you do not learn more about plant production than you have ever learned before, we will pay you for the call - 312-544-8006."

CAN YOU AFFORD NOT TO CALL US?

GROWING PLANTS PYRAPONIMETRICALLY - SEND \$3.00 TO: PYRAPONIC INDUSTRIES, P.O. BOX 1071, MELROSE PARK, IL. 60160

\*Photograph presented from university conducted research for Masters Thesis entitled "Factors Controlling Resin-Production and Plant Growth," pertains to any plant."

EBONY PRINCE (All Black)

Singly Tinted,  
\$280.00

Doubly Tinted,  
\$280.00 . . 13%

Triply Tinted,  
\$320.00 . . 20%  
More Efficiency

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## PYRAPONIC LABORATORIES· GROWING PLANTS PYRAPONIMETRICALLY

PYRAPONIC LABORATORIES MAINTAINS (1) The most extensive scientific literature library in the world, (2) The most extensive popular literature in the world, (3) The most extensive library of Data Packages and Soil Analysis selected from over 3,000 PHOTOTRONS sold worldwide. (4) On premises, over 25 PHOTOTRONS with the capacity of three shelves each so that up to 75 experiments may be ongoing at any one time. Jeffery Julian DeMarco, President and Founder of PYRAPONIC INDUSTRIES and PYRAPONIC LABORATORIES, maintains his PHOTOTRONS for the purpose of killing plants. It is only after experimenting with the parameters of death at PYRAPONIC LABORATORIES that the PHOTOTRON can perform so miraculously around the world. Said to be the number 1 herbicidal maniac, Mr. DeMarco has full-time laboratory technicians on staff and has the most extensive technical consulting network from Universities around the world. PYRAPONIC LABORATORIES maintains the most sophisticated on-premises computerization for data analysis and retrieval in the world. Thousands of experiments have been conducted and thousands more will be ongoing to expand ever further the performance of each PHOTOTRON. As PYRAPONIC LABORATORIES introduces new methods or nutrient formulations, each PHOTOTRON owner is contacted so that every PHOTOTRON is upgraded long after it has been purchased. THE PHOTOTRON IMPROVES MORE AND MORE THE LONGER YOU OWN IT!

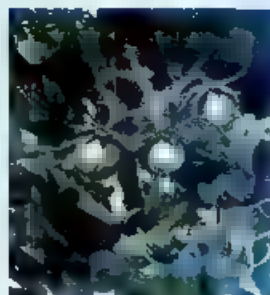
### GROWTH PATTERN OF TOMATOES GROWN PYRAPONIMETRICALLY



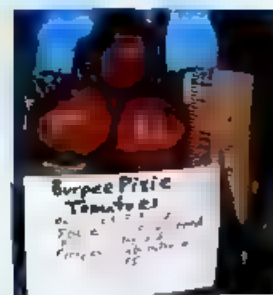
Young tomato plants in vegetative stage.



Young tomato plants beginning to flower and fruit.

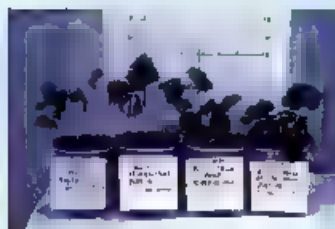


Fruiting less than an inch apart.



"Normal" fruit development with a reduced root-to-shoot ratio.

### GROWTH PATTERN OF CUCUMBERS GROWN PYRAPONIMETRICALLY



Typical testing pattern by Pyraponic Laboratories depicting the morphological differences of cucumbers grown under identical conditions except one nutrient level.



Plants nearing top of Phototron in less than 30 days.

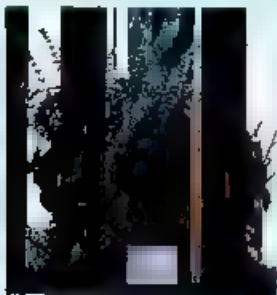


Plants filling the Phototron in less than 45 days.



Tremendous flowering and fruiting less than an inch apart.

### HERBS, VEGETABLES AND FLOWERS GROWN PYRAPONIMETRICALLY



Herbal garden at 65 days of Parsley, Sage, Basil, Oregano, Thyme and Chive.



The hottest jalapa pepper grown anywhere in the world.

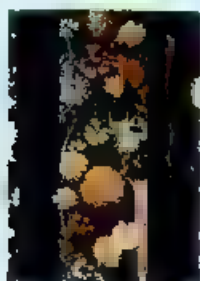


Laboratory experiment producing complete root systems on the stem structures of flowering marigolds.



"Normal" marigold flower size produced with reduced root-to-shoot ratio.

### GROWTH PATTERNS OF ZINIAS AND SNAPDRAGONS GROWN PYRAPONIMETRICALLY



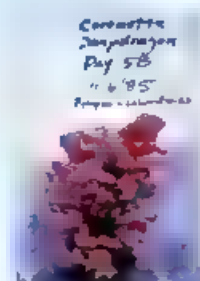
Day 44 Phototron jammed with flowering zinnias.



Day 52 "Normal" zinia flower size produced with reduced root-to-shoot ratio.



Day 46 Phototron jammed with flowering snapdragons.



Day 58 "Normal" snapdragon flower size produced with reduced root-to-shoot ratio.



## URINE TEST

continued from page 14

some money to NORML for that information. NORML has been directly responsible for most of these anti-urinalysis legal precedents, though it's been too broke for the last five years to afford a decent legal secretary to proof-read Zeese's affidavits. NORML is one of the prime reasons why virtually every urinalysis case that's ever gone to court has turned out a precedent vastly disappointing the highly-financed piss profiteers of the Syva and Roche drug-test companies.

### Specific grounds to challenge urine tests, when you've been fired by them, are pretty sparse, but they exist.

If you ever get fired by a piss test, though, none of this fascinating legal data is going to help you a bit, unless you have the guts to go to court over it. The industrial piss-test profiteers, when they set out years ago to gradually make their machines as commonplace in the American workplace as time clocks and water coolers, confidently reasoned that most people who got fired by the gimmicks would be afraid to go to open court over it, and thus publicly advertise that they had "flunked" a dope test. False-positive victims especially—decent, nondrug people who'd never been near dope in their lives—would be terrifically reluctant to make any public trouble over it, because most of their nondoping friends and neighbors would automatically suspect that they were *really* secret druggies trying desperately to cover up for it.

So far, this part of it has worked out well enough for the piss profiteers. The legal challenges to their tests have primarily been raised by unions, rather than by individual people who could be individually embarrassed in open court. The results of these union challenges have been uniformly disappointing, true, but what of it? There are still loads of employers ready to buy their tests, what with union membership in this country being at an all-time low.

Which remorselessly generates an ever-increasing number of private individuals who *have* to go into court after being fired by these machines. The piss profiteers didn't think it all through quite *three* steps ahead, you see. When they started out by aggressively merchandising their tests to companies for use on pre-employment job applicants—and literally thousands of companies are now using them for that purpose—they didn't anticipate all the trouble that would follow. No one who has *once*

been turned down for a job or fired from it by a dope test, with a consequent "drug abuser" notation on his or her permanent employment record, is ever going to have a chance at landing another decent job. This obscene Catch-22 aspect of it all *has* compelled a good number of decent, nondoping piss-test victims into court. There's really no alternative, see?

But what *sort* of legal action can piss-test victims take? NORML, of course—those rash radicals—are always trying to compile a clutch of plaintiffs who *haven't* been fired by dope tests, but whose companies use drug tests. "Employees ought to get to-

gether and mount class-action suits to enjoin their bosses from using these unreliable tests *before* the tests make trouble for them," declares Kevin Zeese. "It's much easier going into court with a clean slate than with a phony drug-abuse blot already on your record. And it's infinitely easier—and cheaper, too—to go into court as a group raising a class-action, than as one individual having to pay your lawyer, all by yourself, to duke it out for you." So far though, here in the Reagan era, Zeese hasn't found a whole lot of people with the guts to go into court and challenge piss tests under the collective aegis of NORML.

"Specific grounds which individuals can use to challenge these urine tests, once they've been fired by them, are pretty sparse, but they exist," instructs attorney Patrick Bishop of Houston, who publishes the invaluable (and fascinating) *Criminal Law Monthly*, a reference digest of all the significant narcotics cases, robberies, rapes, swindles and heinous murders that go to appeals courts. "You can file charges against your former employer on the grounds of wrongful discharge, plus infliction of mental distress, plus slander and defamation, if your boss made the drug-test results known to anyone except you. That's about it, except in jurisdictions like California, which has a state privacy law that's very useful.

"You shouldn't bother even thinking about raising grand Constitutional issues like search and seizure and self-incrimination," warns Bishop. "It's important to realize that the Constitution only protects citizens against the actions of the State; it doesn't apply to what private individuals do to each other. So the Constitution doesn't apply to private employers, and if you try to

continued over

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## URINE TEST

continued from previous page

bring it up in court, the judge will just think you're an idiot, and be inclined to rule against you on these legitimate grounds."

Wrongful discharge cases—which are generally brought when employers just fire people for no obvious reasons at all—are ordinarily hard to win, Bishop acknowledges. “But with a urinalysis discharge, your attorney can automatically get the judge to force your employers to disclose all the documents they’ve got pertaining to your particular tests. Then, if your attorney knows the least little bit about chemistry, it ought to go pretty well. What lab service or hospital or clinic ran your test? Which lab techs ran it, and is there any proof they ran it properly? If there are no such papers, then *why not*, Your Honor? What sort of test was used, exactly? If it was a cheap EMIT or Roche immunoassay, then here are all the problems with those machines, Your Honor; the manufacturers themselves stipulate, right in their fine print, that their tests should *never* be used for any sort of adversarial purposes because they’re not accurate enough to qualify as forensic tools. The fine print clearly says their so-called positive results should be re-checked by another method. Did my client’s employers do that? They *didn’t*. No more questions, Your Honor.

"If your employers did use some sort of confirmatory procedure to re test your sample," Bishop continues, "that's hardly the end of it. If they bothered to do anything, then most likely they only ran another cheap immunoassay test on it; and you can't confirm one lousy test with an equally lousy test. If your lawyer knows anything about this business, he knows that the American Academy of Forensic Toxicologists—which sets the professional standards for the legitimate chemistry industry—has formally resolved that drug-screening tests *ought* to be confirmed by real forensic-quality tests: gas chromatography with mass spectrometry, at the minimum. If your boss test lab used any method less reliable and cheaper than full GC/MS, then they're certainly not performing up to these clearly-mandated professional standards, are they?"

Dr James Woodford, a professional forensic chemist highly experienced in GC/MS, warns "Don't let your lawyer stop asking questions if he asks them what sort of confirming test they used, and they just say 'gas chromatography'. That's an impressive mouthful of scientific-sounding syllables, but a gas chromatograph isn't worth anything without a reliable detector unit. If they just used the GC unit to separate the urine sample, and then ran it through some clunky, two-bit nitrogen-phosphorous or electron-capture detector, or even just flame-ionization—because these are all really inexpensive—then it wasn't anything nearly as valid as GC/MS. And if they do say

*continued on page 25*

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# TRANS HIGH MARKET ANALYSIS



We've been getting so many letters about our Trans-High Market Quotations that we thought we'd print some, starting with this issue. We've also received a number of questions about how THMQ works. Basically, the prices quoted are sent in by readers. HIGH TIMES does not "set" prices, nor do we make them up. Also, as a nationally distributed magazine, we have a lead time of approximately three months. That means the prices in this November issue, for example, list information received in mid-August.

That's why our THMQ prices didn't reflect the upward rise in sinsemilla

costs at the same time last summer's "pot shortage" was being reported. With our lead time, prices in August's THMQ reflected those current as of early May.

The answer to the apparent drought may not be so simple. It is true that this summer, as in previous years, there was a shortage of good product in the months just before the new harvest. However, this year's shortage seems to have started earlier in the year and affected more areas around the country than before. We have speculated about several theories: bad agricultural conditions, dealers switching from

marijuana to cocaine distribution, interference from CAMP activities, a massive rise in consumer demand outstripping the supply. At this writing, in mid-August, it's not yet clear what the real story is, but you'll read about it in HIGH TIMES when we have the facts.

Prices are printed as fast as we receive them, and the list is updated every month to provide the best service possible. Send your reliable, current price quotes to: THMQ, c/o HIGH TIMES, 211E 43rd St., Suite 2001, New York, NY 10017.

—The Editors

I cannot speak for the rest of the nation, however, the month of June has turned into the great marijuana drought of 1986. Everybody and their mother is finding it almost impossible to get marijuana!

—"R"

THMQ

Greetings from the dry capital of the world. I see in THMQ that there's all kinds of smoke in Pennsylvania, but where is it? Right now, regular shit is going for \$25-35 for 1/8 oz. brown commersh! I can see that for green (pseudo-sinse) but commersh? Occasionally you'll find an oz. of okay brown for \$60, but why is there no good shit here? I grow my own, but that's not a regular thing, I do buy a lot of weed. The folks I know are usually \$15-25 1/4 oz., but that's just brown generic trash. When green comes around (rarely) it's usually \$10 a gram or \$50-60 1/4 oz. Who is keeping the weed from the public? Decriminalization better come about soon or there's going to be a major problem with the public and the narcs. Revolt should be brewing

—Anonymous  
Pittsburgh, PA

THMQ has become totally unreliable. In your August issue, for example, your "Major Market" listings are absurd. For god's sake, there's a serious drought going on! Whatever pot is available, especially in the Northeast, is massively overpriced. In Boston, you list "Sinsemilla buds galore." People in Boston are paying \$25 for 1/8 oz. of shake. There's been no bud since June. I have seen Thai, but not stick, and it's selling for \$80 1/4 oz. In NYC quantity is almost impossible to line up. There's some cheesy Jamaican and some expensive Thai. I found a joker selling Humboldt bud at \$45 for 1/8 oz. Since Mexico's huge poppy harvest, there's been no Mexican available, and it seems to have fucked up the Arizona connection too. This drought has been building up since the spring. There's lots of theories, but no facts yet.

—N.L.

Union/NYC

I wanted to question HIGH TIMES as to why you have not informed us in any articles as to the "marijuana shortage" of the summer of '86? Since mid-April of this year, it has been

extremely difficult to obtain pot. I should know: I've been dealing for 15 years. What has happened? Is the shortage of pot here to stay due to the militaristic scene on our borders? There seems to be plenty of coke available for the crazies, but no ganja for the heads. Thank you, Ronald Reagan, for our 1986 pot shortage. Is the pot shortage here to stay? We millions of pot smokers hope not.

—The Cossack

Pittsburgh, PA

Some of us have started to call you Behind Times because of your inaccurate market analysis. For the last three months (since June) there has been a drought going on here in San Diego. According to friends and distributors in L.A., S.F. and Phoenix, it's happening there as well. And in your last issues, there's not one word about it! Something's going on and you're not reporting it. It leads me to believe you're in on the conspiracy to hold it back, then let small amounts go at outrageous prices, which is exactly what's been going on the last few months. What is the story?

—Pissed  
in San Diego

# TRANS-HIGH QUOTATIONS MARKET

(PRICES CURRENT AS OF AUGUST 15, 1986)

## MAJOR MARKETS

Atlanta, GA	Marijuana, draught of '85 continues, too many coke \$s	16 oz ger bags	45
	Hash, was "plentiful"	gm	10
	Mushrooms, "when avail."		6-8
	LSD, demand outstrips supply	100 cube	100
	Vials of liquid, 125 mcg.		6
	LSD, white blotter 125 mcg "steady & reliable"	one 1000	5
	MDMA "X," supply drying up temporarily, demand enormous	1/8-oz	300
	Cocaine every body's down it, big busts daily, dealers disappearing mysteriously, professional hits common, scene is a true hippie's night mare, lawyer's fav	1/4-oz	250
	Crystal meth, "fast ride, plentiful, biker's fav"	gm	85
	Various and sundries—readily available Valium, Percodans, codeine, etc.	one	1-5
Houston, TX	Low-grade Mex	oz lb	80-100 750-1100
	Hash, "OK Moroccan, no bulk available"	gm	8-12
	Coke, "all varieties plentiful"	gm	100
Memphis, TN	MDMA	one	20
	Chuck and James Revenge Weed	oz	45
	Colombian, "stems and seeds you don't need"	oz lb	60 550
	Mex sinse, "stone free"	oz	90
	Coke, "caffeine"	can	50
	LSD purple microdot "purple haze"	one	5
	Mepergan, "great for pain"	one	7
	No Calif sun- semilla tops	oz lb	150-200 1800-2200
	Mexican, "low octane" sinse	oz lb	75-100 600-800
	Afghani buds, best in city "rare"	oz lb	150-200 2400-2600
San Francisco CA	Mexican greens	oz lb	100-150 1400-1600
	Green Indica, rare "beautiful high"	oz lb	190-210 1900-2100
	Thai, dry	oz lb	160-180 1800-2000
	"golden"	oz lb	160-180 1800-2000
	Mexican scumbag dirt weed, seeds	oz lb	50-80 600-800
	Rasta buds, "best Jamaican"	oz lb	150-170 1700-2000
	Lebanese hash, "dark & rich"	oz lb	140-170 1000-1400
	Mushrooms, high-quality cubensis	oz lb	75 150 450-800
	LSD blotter "easy to find"	one 100	2 50-100
	MDMA "wide-spread use"	one	6-10
	Crystal meth "common"	gm	100-120
	Coke "use very rare"	gm	20-190

## AROUND THE U.S.

Akron, OH	Sinse buds-local area "supply low"	oz	80-110
	Sinse Mex., some seeds "good herb also low supply"	oz	90-130
	Cabir "SKUNK bud"	1/4-oz	65
	"real thing"		
	Brown bud more garbage appearing, some earthy tasting Santa Marta it's not	oz	50-85
	Good brown, where have all the flowers gone?	none	
	Gold Seal (Skunk)	oz	170-2100
	Hashish everywhere bits & pieces	1/4-oz	40-60
	LSD "gave it up, do not know market"		
	Cocaine, "it's every where and as good as this shit can be, but who wants it—who needs this garbage?"	gm	90-120
Athens, GA	Opium, nice perfume "smooth"	gm	8-10
	Speed, pink lemon black beauty "still around but \$\$\$"	oz one	160 4-6 6-10
	Colombian Gold excellent high	1/4-oz oz lb	30 100 1200
	No. Ga sinse hard to find, "high demand"	1/4-oz oz	35-40 130
	Colombian dirt weed, "very seedy but plentiful"	1/4-oz oz lb	20-30 80-110 1000
	Black Lebanese hash	gm	10
	Mushrooms, lab grown in Colorado, "great"	oz gm	160-200 6-8 140
	LSD, powerful white blotters	1	5
	XTC, white powder	1/8-oz	250-300
	blue tablets	1	25
Benton Harbor, MI	Cocaine, "quality varies from poor to excellent"	gm 1/8-oz	100 225-325
	Brown commersh, from Ky. Ind.	1/4-oz oz	25-35 80-95
	Growers shake, from Lansing "Bleech One year old"	oz	40
	Bleached brown, bricked up from Chicago, "seedy in the bud"	1/4-oz oz	25 85-95
	Loose Thai, "too rare to talk about"	1/8-oz	40
	Palestani blonde hash via Toronto	gm	10
	"Manna from heaven" most piney	1/8-oz	30-35
	Pakistani hash oil via Toronto, "Black Gold" vapors of the Khyber Pass	5-gm	65
	Coke "Omni-present The End Wha a joke!"	1/4-gm 3 1/4-gm	25 350
	White Crosses, "The Real Thing"	6 50	5 20

Birmingham, AL	Bama buds, dark green 4" buds	oz	75
	Jamaican buds "speedy high" excellent	oz	125
	Hawaiian (grown from Thai seeds) 4-tokes	1/4-oz 1/2-oz	35 70
	Mushrooms, P. semulanteata (best when not dried)	gm	5
	Mushrooms P. bacocystus "The Best"	gm	10
	Acid blotter (black star)	one	3
	Cocaine, ROCKS, yellow-core 74% pure	gm	100
	Cocaine, (powder) "o.k." 40-50%	gm	65
	Infamous "Chemical Buds," harsh, but like nothing yet seen, "green-house Florida"	1/4-oz oz	50 200
	High altitude purple death Indica, "The Rockies Finest"	1/4-oz oz	65 250
Boulder, CO	Hash oil, "trash oil, "shit"	gm	25
	Cocaine, "tasty golden flakes"	gm 1/8-oz	100 300
	MDMA, powder	hit	15
	Local sinsemilla, "Sweet Big Buds"	oz lb	80 775-1600
	Homegrown Indoor Afghani-Hindu kush skunk buds mainly growers head supply	oz	70
	Jamaican buds, "superbo primo"	oz lb	250 1300
	Jamaican commersh, "o.k."	oz lb	75 100
	Anonymous indica, "seed city"	oz	125
	Colombian brown, "sleepy high"	oz lb	50-80 475
	Afghani Hash high grade direct from Kabul	gm oz	13 200
Columbus, OH	Moroccan hash, "fair"	gm	8
	Mushrooms, "about a 6"	gm	5
	LSD dolphin blotter	one 100	4-6 275
	LSD cartoon blotter "good stuff"	one	6-8
	Speed, "rare in demand"	one	3-5
	Coke same old stomped-on shit	gm oz	90 1800
	South American cocaine Peru and Bolivian "94% pure, 100% rock, 2 lines does the trick"	gm oz	100 1500
	Colombo, seedy "fair"	oz lb	60 500-600
	Sinsemilla, buds galore "potent"	oz lb	100 1000-1200
	Mexican sinse "brown, pass up"	lb	900-1200
Greensburg, PA	Moroccan hash "fair"	gm	8
	Mushrooms, "rare"	gm	5-10
	LSD, world blotter excellent	one 100	4 275



Iowa City, IA	Green, "very bad to very good"	1/4-oz	12:50-26
	Brown "commercial"	oz	70
	Colombian Gold "very very nice"	oz	100
	Bleached Gold, "used to be green" still very good, lotsa seeds	3/4-oz	17-28
	Normal Gold	1/4-oz 1/4-lb	20-25 240
	Sinse "Green, OK"	1/4-oz	32
	Jamaican, "very rare, but excellent"	oz	35
	Snow White Green this stuff is the best I ever had, very very rare to even hear about, 1 joint & yr on the floor	gm	5
	Black hash, "very good"	gm 1/4-oz	7-9 35
	Shrooms, "OK"	gm 1/4-oz	7-8
Milwaukee, WI	Barf Brown, "makes some people sick but you just keep laughin"	1/4-oz	20
	Grey blotter "mostly speed"	hit	3
	x3 coated, pure acid, "don't make plans for the next 3 days, stuff is dangerous"	hit	1.50
	King Tut, "never had it, lasts 16-24 hrs"	hit	15
	Gold Star Silver Star "never boring"	hit	3
	Coke, "quality depends"	gm	100
	XTC, "controllable acid"	hit	25
	Speed, "cheap to free, OK"	hit	.25 & down
	Red bud, two hit, "just like the 70s"	oz 1b	120 1400
	Authentic Maui, crisp "peppermint" buds, "awesome"	1/4-oz	100
Minneapolis, MN	Stock sativa, "seedy"	1/4-oz oz	25 110
	Homegrown Minn. "Bunkhouse shit"	1/4-oz	FREE
	Red-haired, few seeds, nice taste "wild buds"	1/4-oz 1b	30 850
	LSD, Green Pyramid, "way for real?"	one	7
	Green Dorne Dynamite!	one	5 250
	Orange Barrels "not worth paying for"	one 2	
	Coke, opium laced "It's still winter!"	gm 1/4-gm	115 35
	Average blow, "all powder"	gm 1/4-gm	80 25
	Hospital White Cross, totally common"	3 100	1.00 20
	Sinsemilla, pseudo sinse, w/red-hairs "OK" origin unknown	oz 1b	80-120 1000
New Brunswick, NJ	Algan/Mex hybrid indoor bud, "strongest I've ever smoked" 22nd generation	oz 1b	200 2000
	Mexican sinse SMEX, green brown buds, "a little old, but good"	1/4-oz 1b	30 1175
	Colombian gold, sweet happy pot, "never thought I'd see you again"	oz 1/4-lb	110 350
	Jamaican Sinse (brick), dark pungent slabs "Tha unposter"	oz 1b	120-150 1700-1900
	Jamaican Buds, (sinse) "hard to find but prime"	1b	1300
	Tha brick, light brown, seedless "drug-like, sleepy"	oz 1b	150 1800-2100

#### New Paltz, NY

Mushrooms, hydroponically grown, psilocybe-cubensis capsules, blue blotches, "a million laughs"	oz 1/4-lb 1b	100 375 1300
Cocaine (rock) "Colombo-Mob Toot", all rock, great!	1/8-oz	200
Cocaine, (college toot) "1/2 toot, 1/4 crank, 1/4 cut"	1/4-gm gm	25 75
powdered crap	1/4-gm	35
Crank (methamphetamine), nothing but rock, "heart attack shit"	gm	65
MDMA, XTC relaxing, trippy "Rutgers pewee crabs"	bit 1/8-oz	15 350

#### NC Dept. of Corrections

Local sinse "dark green & potent"	1/4-lb 1b	300-350 1000-1200
Jamaican Ganga "out-of-hand"	1/4-lb gm oz 1/4-lb 1	350-425 1200-1500 8 100-150 350-450 10-15
Shrooms		
XTC (MDMA) "Love thy neighbor"		
Coke, "nothing special"	1/4-gm 1/4-gm gm gm	25 45 90 1.50
Colombian pot, "sleepy dirt-weed"	1/4-oz	35
Tarheel sinse "energetic, hypnotic"	joint 3	2 5
Hash, blonde Leb. "low quality"	1/4-oz gm	50 15
LSD, Blue Dolphin, "decent"	hit	5
Moon & Star, "weak"		
Qualudes, "valium boots zombified"	one	5
Valium, "changing blues"	10-mg	2
Buck (prison made liquor), "orange flavored, ass-kickin"	12-oz	1

#### Santa Cruz, CA

Cal. sinse, "its gnarrrrrrly"	oz 1b	110-130 1700-2000
Local weed, "local motion"	oz 1b	90-110 1100-1600
Mexo-Mix, "seeds galore"	1b	750-1000
Mushrooms, "blue trickles, real scarce"	1/4-oz oz	30 75
Cocaine, 40% pure "Rocky Mountain High"	gm 3 1/4-gm	100 280
LSD, "gooney-birds"	one	2
LSD, "white-light nin, the tourist trap"	one	2
LSD, blotter "same as ever"	one	1
Speed, crystal, "bad"	gm	30
XTC (MDMA), "rare, but fuckin fantastic"	one	10

#### Tampa, FL

Colombian "fresh out from Immigration Office"		
Sinsemilla, "scarce"	1/4-oz	25
Unknown, "you name it"	bags	5-10
Geek joints, laced w/freeseased rocks	one	3
Homegrown Sinse A Kill Ha Hash	1/4-oz oz cube	35 80 50
LSD, "late, sad, disgusted"	one	4
Valium	one gm	75 70
Coke	1/8-oz 1/4-oz 1/4-oz oz	200 400 700 1300-1400
with Colombian connection	oz	1200
Coke, going fast, "place order in advance"	kilo	45,000
Crank, "they're giving it away"		

Wichita, KS	Commercial Brown "expands great"	oz 1/4-lb	70-80 220-235
	Texas Skunk weed	oz 1b	150 1600
	Kansas Homegrown Afghan, "real ass-kickin shit"	oz 1b	200 1800
	Hash Red & Black Lebanese	gm 1b	8-10 2200
	LSD, Black Star blotter	one 4000	3-4 3700
	Red Dragon blotter	one 4000	6-7 50 4000
	Coke, "dynamite blow" Straight solid rocks from Colombia	gm 8 ball 1b	140-150 375 18,000
	Opium, "the very best real strong stuff"	kg gm	38,000 15

### INTERNATIONAL

#### AFGHANISTAN

Hashish at the border, funding resistance	1b kg	\$900-1100 2200-2300
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#### CANADA

Homegrown Tops, red-haired, "excellent"	1 b oz	1200-1800 150-200
Leftover leafs, "yawn!"	1 b oz	300-600 50-100
Red-hair-stemmy "excellent Mex or Colum?"	1 b gm	1800-2300 7-20
Columbian "seedy crap, dealer usually sells for cost if snack with it"	1 b oz	2800-3600 -
Hash repress Gold Seal, "ho-hum"	1 b gm	2650-3150 8-20
Thick black, rare "excellent"	1 b 10 2 5	2800-3600 2-8
LSD micro & blotter "fair to good, cost depends on quantity"	hit	
Cocaine Only in the cities, "bad to good, lots of bad"	oz gm	2800-3500 100-200

### THE NETHERLANDS

AMSTERDAM: Dutch sinse	ranges in quality, mixed reports	gm 1b	\$1.30-3 400-700
	"the best middle-grade least desirable"	gm	4.10
	more or less okay	gm	2.50
	usually okay	gm	1.65-2.65
	seeds & stems	gm	2.05
	"rare but primo"	gm	2
	reliable quality	gm	2.55
	Indian exotic	gm	3.30
	black, hi-quality coffee shop	gm	3.30-4.10
	commercial "normal," black to brown	oz 1b	8.25 4.10-5 140-165 2-3.50 500-1100
Lebanese hash	lots from war trade—red, and "gold"	gm	3
	"real Afghani"	gm	2-2.65
	"coffeshops"	gm	4.50-5
	"good quality"	gm	3.30-4.10
	"take your chance"	gm	4.10-5
	grade-A called "Manali"	gm	3.30-4.50
	questionable	gm	4.50
	Yellow Sunshine, paper	10 100 1000	8.25-11.50 115 1000
	macrodots, orange & red	10 100 1000	13.15-16.50 165 1300
	non-descript	gm oz	8.25 235
"MDME"	"illumination in pill (artificial)"	one	33
	look out for Japanese synthetics—not what they're ground up to be	gm oz 1b kg	70 1850 16,400 36,300

#### SOUTH AFRICA

Malawi Cob #1 in Johannesburg, incredible black compact	1/4-oz	5
Durban "poison" "very green and very potent"	as much as you can grab w/ one hand	40

# NARCO SQUAD TO THE RESCUE

By Mark Swain

NEW YORK CITY

New York City Police Department narcotics officers recently struck a major blow in the struggle against the subversion of the United States Constitution. Last spring, NYPD Police Commissioner Benjamin Ward (previously Commissioner of Corrections, and thus comprehensively loathed by all NYPD personnel) made national headlines by pledging a mandatory urine-test program for all officers on the City's Organized Crime "Control" Division—the Vice, Gambling and Narcotics Squad, under an older and more honest nomenclature. The Commissioner's get-tough, no-nonsense stand on cop drug-ging was riotously applauded by all the local newspapers and newscasters but not among the troops themselves. Of all cops, narcotics detectives are the least likely to want to submit to drug urinalysis, because they know from bitter personal experience how drug-testing machines, and the clumsy chemists who work them, are always screwing up. Any experienced narc has seen how chemists can turn a gram of perfectly good heroin into "no drug" or



"dog feces," depending on how the lab tech has mistakenly mis-adjusted his testing gear. Of all cops, therefore, the narcs of the NYPD were the likeliest to go to court to spoil the Commissioner's piss-test publicity stunt, and so last spring they did just that.

The State Supreme Court Justice for New York County who heard the case, Stanley J. Parness, ruled flatly in favor of the Patrolmen's Benevolent Association at torneys, who'd argued that pissing is not only constitutionally illegal, but immoral and unethical on the non-statutory ground of simple common human decency. The Commissioner's piss proposal had clearly stipulated that all these officers—decent, hard-working, moral-minded men and women of

the NYPD—would have to be individually watched as they "furnished their samples." So after he got through condemning the numerous unconstitutional aspects of drug urinalysis in his decision, Judge Parness took a good swipe at its merely abominable aspects.

"Urine... is routinely discharged from the body... in such a manner and disposed of in such circumstances in which one clearly has a reasonable and legitimate expectation of privacy. Obviously, one does not expect that he will be made to discharge urine so that it can be analyzed in order to discover the personal physiological secrets it may hold. Thus, as with blood, there is an expect-

tation of privacy concerning the 'information' body fluids may hold.

"Under the procedure contemplated... the urine sample must be provided in the presence of a superior officer of the same sex. Thus, the subject officer would be required to perform before another person what is an otherwise very private function which necessarily includes exposing one's private parts, an experience which even if courteously supervised can be humiliating and degrading. There is no reason to believe that a police officer would find the experience any less intrusive than another citizen."

## REAGANOPOLIS

MATTHEW FINCH





## URINE TEST

continued from page 20

they used mass spec, your lawyer has to ask if it was really full mass spectrum, or just SIM—Selected Ion Monitoring, which is a cheap-shot adaptation of full MS, and a

whole lot less reliable. And even if they used full GC/MS, an expert forensic witness can always make the chemist look like a clumsy idiot." Dr. Woodward's prime occupation at Webot Research in Atlanta is giving expert forensic testimony in drug

continued on page 86

**EMIT** Syntex Laboratories, Inc., 3401 Hillview Ave., POB 10350, Palo Alto, CA 94303 (415 855 5567). Produces a small selection of enzyme-based contraceptive preparations such as Norinyl and Brevicon, along with two new OTC painkillers Naproxyn and Anaprox. Their EMIT drug-urinalysis tests are merchandised through

**ABUSCREEN** Hoffman-La Roche, Inc., Nutley, NJ 07110 (201 235 5000) Produces scores of medications of all sorts, including Librium, Levo-Dromoran, Accutane, Nisentil and Daimant. Their single best seller has always been Valium. Their Abuscreen drug-urinalysis tests are merchandised through

Syva Company, same premises, (415 493 2200) Each time Syva sells an EMIT unit, they advise the customer that the EMIT is a non-specific screening test, unable to precisely determine the identity of any specific drug in urine, and cautions that all such "positive" results should be checked by a better analytical method before adverse action is taken against the urine donor. These EMIT purchasers are mainly

Roche Diagnostics, same premises, same phone number. Like Syva, Roche Diagnostics also provides with each Abuscreen unit it sells a printed form warning that the machine's results are meaningless for practical purposes, and that every positive sample should always be rechecked by a better method. "Nearly all of Roche's Abuscreen units are sold to the Defense Department. Only a few have so far been sold to

Private lab-service companies and hospitals everywhere. Although reputable lab companies do exist, most medium-sized and small lab companies do terrible, sloppy work, and hospitals are even shoddier, by and large. Worst of all are the scores of cheap-shot, fly-by-night entrepreneurs who buy EMITs and Abuscreens and set themselves up as "professional drug abuse consultants." Nearly all these companies—and most hospitals too—are so hot to make a buck off the rising demand for drug-urinalysis that they omit to warn their customers that neither the EMIT nor Abuscreen can really distinguish any illegal drug from any number of similar legal compounds in urine. And they almost never suggest rechecking "positive" samples by better methods, because few of their customers would ever agree to pay the money these better methods would cost. These customers comprise primarily

Private and public employers everywhere. When they fire employees and deny employment to job applicants, most of these employers are actually acting in "good faith," because they haven't been clearly advised by anyone that these tests are patently unreliable by their manufacturers' own stipulation. Even when they do know how bad the tests are, most employers simply omit to tell their testees what drugs they'll be tested for, what machines will be used to test them, and whether any confirming test will be used.

**Employees.** Unless you've got a union or contract specifically forbidding drug-urine testing, you've got very little legal recourse if you ever get fired on the basis of any drug test.

**Job applicants.** Applicants have no rights at all, under any conditions. An employer could deny people employment on the basis of any drug test at all—even if the test consisted of simply buying a geek to drink urine samples, and decide which ones tasted as though they had dope in them.

\* These deplorable situations do not occur in the city of San Francisco, where an ordinance was passed last year which forbids employers to make any sort of drug test a condition of employment. That said it takes to get these tests pitched out of your own community.

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By Burt Neal,

NORML Project Coordinator

**As we expected all along, the Reagan Administration's war on drugs has turned into a war on us.**

Civil liberties, presumption of innocence until proven guilty, and the free enterprise system are quickly becoming ideas of the past.

Reefer madness is back in vogue. I recently read a government funded publication from Connecticut which claimed one year of marijuana smoking is equivalent to twenty packs a day of cigarette smoking and that marijuana causes breast development in males. Governor Victor Atiyeh of Oregon recently stated that marijuana smoking is the major cause of child abuse and incest.

The President's Commission on Organized Crime's recommendations are coming closer to reality every day. Urinalysis for government workers, government contractors, and ultimately, you, is just one part of the White House's "final solution." The drug testing hysteria is so out of control that we are now hearing of the testing companies offering the services, (for a fee, of course), of professional urine watchers to observe all the employees while they urinate!

Every month our military becomes more involved in policing Americans in direct conflict with the values our country was founded upon. Congress' solution is typical: let's throw more tax dollars at the already failed programs. Or as one congressman put it, "What's another billion dollars?" This mentality comes at a time when we are wondering what ever did happen to that unaccounted \$750,000 grant that was given to an anti-drug organization that listed Nancy Reagan as honorary chairperson?

The above mentioned hypocrisies are

nothing new in the annals of U.S. history. Dr. David Musto of Yale University has done fascinating research in this area and found that the current panic over drugs is an exact repeat of the cocaine scare of 1900-1915, which resulted in the passage of the first drug prohibition legislation in 1914—the Harrison Narcotics Act. Musto sees a cycle in the public's attitudes towards drugs in that society, forgetting past drug history, will again become attracted to a drug. As problems result from abuse, society will turn to view the drug with horror. It is at this point when "public consensus" decides that drugs are the number one menace, and that repressive legislation is needed.

In an interview with the *Los Angeles Times* Musto said that he viewed Mrs. Reagan's anti-drug campaign as "responding to a shift in attitude towards drugs in the U.S. As long as you have something that upsets many American people, it is by definition a political issue on which you can build a power base. The drug issue in America today seems to be becoming (again) one on which it is hard (for a politician) to lose."

"Prohibition represents the sour end in many ways of a very positive reform movement. You discover it (alcohol alone, or alcohol and other drugs) is a problem. You publicize it. You pass laws so people become educated about it. Then you discover that the problem keeps growing and you regrettably are forced to the conclusion that you will have to take action for the people's own good."

Interestingly enough, Musto points out that by the time prohibition and/or repressive legislation is enacted, the drug crisis has actually started to wane. Dr. Ellingwood of Duke University also points out that since cocaine was discovered in 1860, there have been five identifiable coke epidemics, but that marijuana use does not appear to be related to any of these abuse epidemics.

So now that our drug crisis has become a "drug panic," what can we do about it? Obviously some truthful drug information is needed. Specifically, Americans need to learn that marijuana is not crack or heroin. I recently read the following quote by a "senior government official" in the *Washington Times*: "Mexico is a major producer of opium poppies for heroin and marijuana." If an official policy maker believes this, how many millions of Americans are also as terribly misinformed?

The real question though, that we must ponder is this: Why do our government officials get away with making important public policy based on such monumental ignorance? The answer is quite simple—because you, the marijuana smoker, keep silent. You may think keeping a low-profile about your marijuana use keeps you out of jail. However, your silence is interpreted by politicians as tacit approval of their actions. This has to change.

NORML is currently organizing a massive outcry of opposition to the repressive policies in vogue today. The public believes marijuana smokers are socially deficient zombies because marijuana smokers keep a low profile. When you and people like you begin to speak out, that perception is shattered. Our aim is to change the stereotype of the marijuana smoker from an irresponsible, withdrawn drug abuser to an active, socially responsible, civic-minded citizen.

You have two options. You can continue to support the War on Us by continuing to keep silent, or you can join us and speak out for truth, freedom, and the American Way. Which will it be?

You can join NORML and start speaking out by sending \$20 membership dues along with your name and address to NORML, 2001 S St. NW #640 Washington D.C. 20009. ■



# ACTIVIST NEWS

## THE READERS RESPOND

### From Virginia:

"I am coming to the realization that if we are to protect the civil liberties we have left, we must become active in the pursuit of our cherished objects...I hope that I can get every person I smoke with to contribute a little amount to support the Oregon Marijuana Initiative." (Sent with \$20.00 for OMI!)

Great suggestion and a simple way for all of us to contribute. Lots of small amounts add up to enough \$ to support the referendum which will make growing and adult use a matter of personal choice in Oregon. Each time you pass a joint with friends, pass the hat for OMI. All that loose change will make a difference.

### From New York:

"While employed by the city of New York Transit Authority, I learned of several situations where people switched from marijuana to cocaine because cocaine is detectable in urine tests for only 2 to 3 days, while marijuana can be detected for 28 to 35 days after use."

Urine testing in the workplace may very well be encouraging many to choose their daily after work pleasures based on fear of losing their jobs rather than considerations of toxicity or addiction. Cannabis is the least toxic of all the substances being used to promote relaxation including caffeine, tobacco, alcohol, and the myriad of "legal" drugs actively promoted within the system.

### From Indiana:

"Recently, the Indianapolis Chapter of NORML has become very active after a few years of decline. We have made a lot of progress in the last nine months with very little resources and we encourage others to join our efforts. Indiana has some of the most oppressive marijuana laws in the country. Unfortunately, most Hoosier Hipsters are unaware of just how bad the situation really is across the state. We need everyone who is concerned about human rights to lend some time, talent, and \$ to our cause. Everyone in Indiana interested in helping can write to NORML, 3601 N. Pennsylvania St., Indianapolis, Indiana 46205.

Okay, Hoosier Hipsters, now you are **WHY?**

### From Florida:

"In the case of our church, The Single Convention Treaty is in direct opposition to Article 18 of the United Nations Charter which states that every person is free to practice his or her religion. It seems that The Single Convention Treaty should have at least made provision for the religious use of marijuana as there are many cultures around the world that use marijuana in their religious services."

This letter was from a member of the Ethiopian Zion Coptic Church based in Miami and Jamaica. He, along with 20 other church brothers, are behind bars in a Florida prison for using marijuana.

The validity of The Single Convention Treaty is questionable. This document was drawn up in 1961, ignored for six years and suddenly resurrected at a time when there was an outcry from the scientific community to relax controls. Harry Anslinger was largely responsible for the passage of this treaty. Believing it would forever insure the illegal status of marijuana, it was quietly promoted and railroaded through after a one day hearing with testimony from only a few "select" witnesses. No opposition was heard or invited. The New York Times never even bothered to report its passage at the time.

### From New York:

A proposal for action to Free Cannabis and Free the Land: "Recipe for R(apid)Evolution." In a dry, one gallon plastic jug, mix two quarts of sun dried top soil sifted through 1/4" screenwire with 1/2 cup dry cannabis seeds.

Pour mixture along bottom of chain link fences just before a rainfall. The tiny plants will weave their way through the chain links. By the time they are detected, they will have strongly attached themselves to the fences making them extremely difficult to remove without taking down the fences, freeing the land.

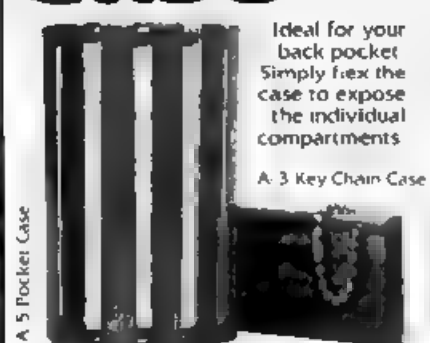
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# NORMAL — IZED NORMAL — IZER

## Drug Laws Are Destroying Justice In America!

BY KEVIN ZEESE

In the last few years the government has radically changed the rules in drug cases so that the traditional concepts of American justice no longer apply. The Constitutional right to bail has been replaced by routine preventive detention. The Constitutional requirement of due process prior to seizure of property has been replaced with forfeiture laws which allow seizure of up to \$100,000 in property without a judge, seizure of all property before conviction, and even allowing the government to keep the property if the individual is acquitted. Individual sentencing and parole are being replaced by mandatory sentences, determinate sentencing, and the abolition of parole. The dice have been so loaded that the results of drug cases are generally preordained.

As if that were not enough, the tactics being used by the U.S. Department of Justice are undermining effective assistance of counsel. According to a survey of 1,648 criminal defense attorneys, 24% of those who specialize in drug cases have been subpoenaed to testify against their own clients, 33% have faced attempts to disqualify them, 41% have had informants for the government invade the defense camp and 28% have had their legal fees questioned. Attorneys now must give their clients *Miranda*-like warnings because of the likelihood of being forced to provide the government with information about their client.

The rules are changing so that it is no longer a fair, adversarial system. It is becoming a system which presumes guilt, denies bail, denies counsel of choice, seizes property before conviction, and avoids individualized sentencing.

### Destruction of Personal Privacy

The drug war has also undermined privacy by eroding the Fourth Amendment, increasing electronic surveillance, expanding data banks of personal information, and utilizing high-technology searches. As Supreme Court Justice Lewis Powell noted in a recent dissent: "After today, families can expect to be free of official government surveillance only when they retreat behind the walls of their homes."

Recent Supreme Court decisions in marijuana cases have held police can get a search warrant based on an anonymous tip, conduct warrantless aerial searches of backyards, search a locked briefcase in a locked trunk of a car without a search warrant, and search private property without a search warrant. In that latter case, the police were allowed to ignore trespassing laws and walk a mile on private property before finding any marijuana.

These decisions have helped to bring about vastly expanded police powers and have created an atmosphere in which mass urine testing for drug use can flourish. Mass random searches for drugs are the opposite of what the Constitution stands for. There is no individual suspicion, no probable cause, no grounds for a search, but a very personal, invasive search which takes place. You are presumed guilty unless you can disprove a test result. Up to a 66% inaccuracy has been reported with urine tests, and that tenuous line is a person's reputation, career, or even liberty.

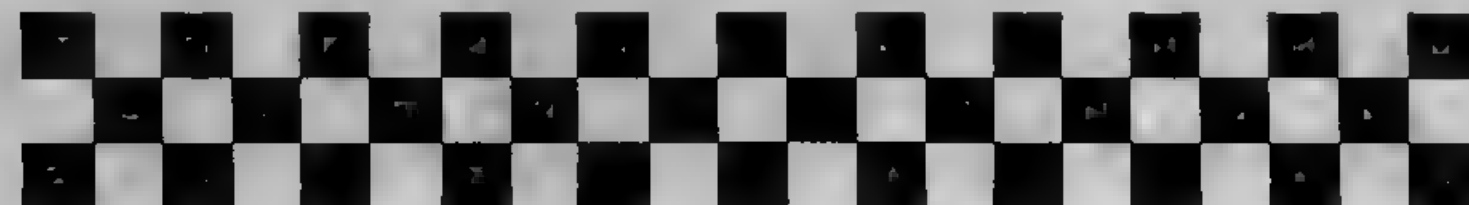
Also on the increase is electronic surveillance. Many methods of electronic surveillance do not need a court order, but the 784 wiretaps approved in 1984 was a 32% increase over 1980. Over 55% of wiretaps are for drug cases. A Presidential Commission recently went further and recommended that laws limiting wiretaps be weakened, even though all but two requests for wire taps were given judicial approval.

### Loss of Respect for Law

Perhaps the most dangerous effect of the drug laws is that they undermine respect for the rule of law, in part due to extreme enforcement tactics and corrupt public officials, but also because they are based on exaggerated claims about the effects of drugs and are viewed as hypocritical.

Some of the soldiers in the drug war are acting like anything they do is acceptable. In the last year police officers in New York City have been convicted of burning the flesh of a high school student accused of a petty marijuana offense with an electric stun gun. Marijuana raiders in California have been put under court supervision to prevent them from abusing the rights of local residents. The justice system was not designed as a weapon of war; it was designed as a method of finding the truth and administering justice. Its misuse as a weapon of war is inefficient and destructive.

Another example of diminishing respect for the law is the widespread corruption of





public officials. Over the last three years at least 300 elected or appointed public officials in the U.S. have been indicted or convicted of drug offenses. That is an average of two each week. Charges include petty sales, major smuggling, selling of information, and murder.

All of this has done nothing to bolster confidence in laws which many view as hypocritical to begin with. Marijuana is a milder intoxicant than alcohol and much less addicting than tobacco. Indeed, while there are over 400,000 deaths each year from tobacco and alcohol (not including accident fatalities), there has never been a single death caused by marijuana.

Anyone who reviews the various reports of impartial commissions that have analyzed marijuana policy will also note the hypocrisy of marijuana prohibition. The most recent review of marijuana policy was conducted by the National Academy of Sciences. In June of 1982 the NAS recommended that marijuana immediately be decriminalized and in the long run, be regulated and taxed. On the same day President Reagan announced his escalation of the marijuana war.

The NAS report was only the most recent to recommend reform. In 1972, much to his surprise, a Commission appointed by Richard Nixon did the same, recommending marijuana decriminalization, as have the Canadian LeDain Commission of 1970, Great Britain's Wooten Committee of 1968, the LaGuardia Commission of 1943, and the Indian Hemp Commission of 1894. The marijuana laws are based on false information, not on rational analysis of empirical evidence or scientific data.

The mass violations of the drug laws result in loss of respect for all laws. Over thirty million Americans use marijuana each year. There are more marijuana consumers than there are people over the age of 65 years old. These people are "criminals." In order for them to get marijuana they are often forced to deal with criminals and are introduced to other illegal drugs. Criminality becomes an accepted way of life and even if marijuana consumers do not become robbers or burglars, they have lost respect for the law and view the police as an enemy.

## The Overburdened, Overcrowded System of Justice

The administration of justice has become increasingly gridlocked. This breakdown in justice has developed as the drug war has escalated. The failure begins on the street. In 1984 there were 4,700 unsolved murders; 53% of violent criminals did not get caught, nor did one out of two rapists. But at the same time police were busy arresting an average of 81 drug offenders per hour, 49 of them for marijuana. Indeed, more than twice

as many people were arrested for marijuana as for rape, robbery, and murder combined. Even more shocking is the fact that 85% of marijuana arrests are for mere possession and not sale of marijuana.

The courts have also become severely overworked with long backlogs in many jurisdictions. Indeed, in 1983 29% of criminal cases in federal courts were drug cases, nearly 2,000 for marijuana. Drug offenses make up 24% of pending cases in U.S. Attorneys' offices (the next closest category is fraud, making up 6%).

The prison system is overcrowded not only because of preventive detention but because misplaced priorities result in an average sentence for a drug offender of 40.8 months, while the average for first degree murder is 36 months, for second degree murder 24 months, and for assault, 30.3 months. The incarceration rate for the U.S. population is now at an all time high. When the drug war began in 1969 less than 100 out of 100,000 persons were in jail. Today over 160 are jailed. In 1972, 19% of federal prisoners were drug offenders; today one-third are. A federal report recently announced that a historic one out of every 35 men in the U.S. is on probation, parole, or in prison.

## Getting Deeper Into Injustice

Recently a Presidential Commission argued that the drug problem is caused by our "friends, relatives and colleagues—and other 'respectable people,'" and went on to declare war against these "respectable" American citizens. This call for escalation in the drug war continues in the face of failure because the current administration refuses to examine alternatives. Ironically, the more enforcement fails, the more power and money it is granted.

Don't expect this treadmill to end. We are living through a period of blindness and desperation in drug policy. Leaders do not want to admit that they cannot stop Americans from using marijuana and other drugs. Indeed, instead of telling the American people the truth about the limits of government drug policy they prefer to whip up hysteria whenever an election is coming. It is good for politicians to have an ongoing war to keep peoples' minds off of the economic and social injustices of modern American society. They need the drug war almost as much as Americans want drugs.

If you are unlucky enough to be one of the 800,000 Americans arrested for drug offenses each year, do not expect justice or due process: expect injustice. ●

For further information contact the National Organization for the Reform of Marijuana Laws (NORML) at 2001 "S" Street, N.W., Suite 640, Washington, D.C. 20009 or (202) 483-5500 or the Oregon Marijuana Initiative at P.O. Box 8068, Portland, Oregon 97207 or (503) 239-5134.



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**In fact, almost 6,000,000 people have been arrested for possession of marijuana.**

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# ECSTASY ON TRIAL

**W**hen the federal government's Drug Enforcement Administration invoked its emergency powers and placed MDMA on Schedule I of the Controlled Substances Act, a number of people thought that the last had been heard on the subject. They were wrong. Rarely in our history has a conscious effective substance so excited both mass media and the public imagination as has MDMA. In the months prior to its scheduling, virtually every major newspaper and television network did a feature on MDMA. Such diverse magazines as *Life*, *Cosmopolitan*, *New York*, and *HIGH TIMES* (Nov. '85) each did their own version of "in depth" studies on the drug. Some of the reports have been from the viewpoint of researchers and clinicians who have worked with MDMA as an adjunct to psychotherapy. Others are from the Drug Enforcement Administration (DEA). Often, they sound as though they are talking about two totally different substances.

A corporate lawyer who, fifteen years ago, attended rock concerts on a regular basis, can barely contain his enthusiasm when he talks about MDMA.

"I've been taking it for a long time," he says briskly. "I don't take it very often, but I take it regularly. And it's the only drug aside from an occasional beer or glass of wine that I do use. I don't mess with cocaine like a lot of guys in my profession do. Who needs it? Let me tell you, it's a real revolutionary drug. It's totally different from LSD. If nothing else brings about world peace, Ecstasy will."

The lawyer felt that all his experience with MDMA had been positive. The reaction of a San Francisco-based drug abuse counselor who tried it once was less than enthusiastic:

**MDMA has stirred  
up more  
controversy than  
any mind-altering  
drug since LSD.  
RICK SEYMOUR  
of the Haight-  
Ashbury Free  
Medical Clinic tells  
why.**

"I got three tablets from a friend who I considered reliable in terms of contents, but I didn't know what dosage each tab contained and neither did he. I was going to save them and trip with my roommate in the country over the weekend, but in that I had three tabs, I decided to try one on Friday night. I had eaten dinner about an hour earlier and had a couple of beers after.

"I swallowed one tablet and waited, and waited. Nothing happened. About an hour later, I took another half tab. Nothing was changing. Nothing was happening. It occurred to me that the dosage per tab might be very low so, what the hell, I swallowed the last tablet.

"Within a few minutes it all hit me at once and I was on the phone to Suicide Prevention. I knew that I was about to lose control, not pass out but black out. I had had enough experience with PCP victims and clients on high doses of amphetamines to know that out of control, blacked out but still able to function at a physical level, I could be a danger to myself and to others. My pulse was going a mile a minute. I was slipping into a wide awake unconsciousness and I was scared. Fortunately, I was also experienced in dealing with bad trips and other drug reactions from work. Also,

thankfully, there was no real ego disruption. The counselor at Suicide Prevention stayed on the phone and talked me through the crises, which lasted about half an hour. My jaw kept clenching throughout that night and most of the next day."

A graduate student from Texas referred to his experience on MDMA as "...getting to Stage Two."

"Most of my friends use it recreationally, you know, on the weekends to relax and feel good about themselves. I started out doing that too, but what happened was like I learned something. It was like getting beyond myself and making contact with a higher reality. What I want to know now is, is it really real?"

David E. Smith, M.D. looks like he could play sixty minutes of rough and tumble professional football with the San Francisco 49ers on a Saturday afternoon, then go home, change into a tuxedo and conduct the San Francisco symphony at Davies Hall that evening. Instead, in 1967, he founded the Haight Ashbury Free Medical Clinic.

Although the Haight Ashbury Free Medical Clinic provides a wide range of medical services, its national reputation is based on drug abuse research and treatment. Working in a national epicenter of street drug experimentation, the Clinic's physicians, counselors, pharmacists, researchers, and epidemiologists have often been the first to point out new trends in substance use and abuse that have later been reflected nationwide.

Clients treated in the Clinic's drug treatment facilities usually come in voluntarily. The Clinic has a basic philosophy that health care is a right, not a privilege, and that it should be humane, demystified, nonjudgmental and free at the point of delivery. That philosophy, plus a street reputation for humane treatment, confidentiality, knowledge, and expertise in the field of substance abuse treatment attracts a wide range of highly diversified patients.

One of our public information activities is a monthly drug abuse folio column that is published in *HIGH TIMES*. The column provides current information, history, effects, myths, and dangers of individual psychoactive drugs. It was as a result of our *HIGH TIMES* column that Dr. Smith and I first became aware that the street use of MDMA was becoming an issue. We had published a column in March of 1983 on MDA in which we discussed the nature, use, hazards, and liabilities of all the

methoxylated amphetamines. MDMA was not specifically mentioned.

A year later, in March of 1984, I got a phone call from Helio Costa, the bureau chief of the Brazilian national television network, Globo TV. The network was concerned, he explained, over the proliferation of a new drug in Rio de Janeiro and other urban centers in Brazil. The users were calling it "Ecstasy." One of Helio's colleagues had read our MDA column and thought it sounded like a similar drug.

Following up on that interview, we investigated the nature of Ecstasy through our national network. Dr. John Morgan, a colleague at the Sophie Davis School of Medicine in New York, reported to us that samples of material sold there as Ecstasy and Adam had proved on testing to be "either MDA, MMDA, or a new drug called MDMA." We later got similar reports from PharmChem Laboratories in Palo Alto, California.

PharmChem reported a 50% validity rate for alleged MDMA samples submitted to their Analysis Anonymous service for qualitative analysis between 1978 and 1983. During the five year period, they compiled data on sixty samples that were submitted as MDMA, MDM, Ecstasy, XTC, or Adam. They say there is no way of knowing if clients submitting samples under street names actually understood what they were supposed to be. These street names have only become popular synonyms for MDMA since the recent widespread publicity about the drug.

We began asking the questions, just what is MDMA? And who is using it?

A paradoxical chemical in many ways, MDMA is often thought of as a "new" drug, even though it was first synthesized in 1914. MDMA is a synthetic drug. In synthesis, one or more substances are molecularly changed and may be combined to form a new substance. This process distinguishes synthetics from chemicals that are direct extracts or purifications of an existing substance. Similar in structure to both MDA (or 3,4-methylenedioxyamphetamine), and the aromatic substitution pattern of the essential oil safrole, MDMA is synthesized from molecular components of methamphetamine and safrole from sassafras, nutmeg, or piperonylacetone.

It belongs to a large group of synthetic drugs called the phenethylamines. These differ in their effects, depending on their molecular structure. Some of these drugs are relatively inactive. Others, including the drugs that we usually think of as amphetamines, produce a stimulant effect coupled with feelings of euphoria. Still others are consciousness effective and produce both psychedelic and stimulant effects. MDMA belongs to this latter group.

MDMA is most similar to a sub-group of amphetamines that are called "methoxylated amphetamines." These drugs are

## SHOULD MDMA BE BANNED

When a drug comes along that the mass-media scribes like, that drug is always doomed. Last year, a couple of *Newsweek* magazine scribes and a handful of miscellaneous network-telly news producers abruptly became infatuated with MDMA, a pleasantly intoxicating euphoriant compound known as "Ecstasy," or "XTC," among recreational drugniks since the 1970's. Not only was this drug legal, they reported in amazement, but there was no lack of perfectly respectable physicians with legitimate MDs who were ready to say that it wasn't terribly harmful or even disorienting, and would assuredly be of some use in the practice of psychiatry. So for a few months, all the magazines and the telly were full of rave reviews of this new perfectly-legal "hug drug" which was reportedly saving troubled marriages, enhancing sex, and providing illuminating poetic and philosophical insights to its users.

MDMA was accordingly made totally illegal before another couple of changes of the moon on July 1, 1985. The Drug Enforcement Administration in Washington, perceiving that these harebrained media twits were prattling the exact same nonsense about MDMA as they'd been prattling about LSD-25 two decades previously, put a stop to it *tout de suite*. They put MDMA on the same "emergency legislation" list with the hideous new Parkinson's-Disease "designer" opiate, MPTP, and railroaded them straight onto Schedule One along with LSD, heroin, marijuana, and all the DEA's other eternally-verboten killer drugs.

Unlike the hideous MPTP, however, MDMA had some fairly important people ready to go to bat for it: numerous eminent Ivy League psychiatrists who would testify in its favor, and some extremely influential Washington and New York law firms working in the interest of a certain multi-national drug company with a budget the size of Fort Knox. So the DEA's designation of MDMA for Schedule One went under a formal challenge in its very own administrative law courts in Washington last winter; ultimately the DEA's very own in-house judge ruled that MDMA rightfully ought to be placed on Schedule Three, where it would be available to doctors for prescription to their patients, though its sale to idle, viciously-incined, thrill-seeking drugniks would still merit truly ferocious penalties.

The written decision of the DEA's in-house legal overseer, Judge Francis Young, makes for a lovely read. In arguing for its Schedule One designation for MDMA, the DEA's lawyers had essentially told the judge that they believe they're entitled to eternally banish any drug which has not *already* been accorded a specific "accepted medical use" by the FDA, which would necessarily eliminate any possibility that the FDA physically *could*, in a million years, ever define an "accepted medical use" for any drug the DEA had scheduled beforehand, such as MDMA.

Judge Young unlatched this Catch-22 briskly enough. "There is no denying that such a situation would greatly simplify the scheduling task of the DEA staff," he wrote. "It pro-

similar to mescaline, the active ingredient in the psychedelic buttons of the peyote plant found in the southwestern United States and Mexico.

MDMA is a psychoactive drug. This means that its primary effects are on the psyche. It can also be called a central nervous system, or CNS, effective drug in that it interacts directly with the brain and spinal column, the central nervous system, to produce its effects.

Although there are many psychoactive, CNS effective drugs, they all fall within three primary categories. There are "downers," which include pain killers or analgesics and sedative-hypnotics; uppers or stimulants; and psychedelics. There are other drugs which effect the central ner-

vous system, including antipsychotic drugs.

The effects of MDMA are similar to those found in both the stimulant and psychedelic categories and also has some unique effects that are not common to any of the three psychoactive drugs. In the opinion of some researchers who have worked with the drug, any direct comparison to either stimulants or psychedelics would be very misleading. Their conclusion is that MDMA has a unique pharmacology that cannot be properly described within the existing categories. Further, they note that its actions are not even all that similar to those of its closest chemical neighbors, MDA and the other methoxylated amphetamines.



# ? NO, SAYS A DEA JUDGE.

vides a quick solution to the problem for the DEA. It provides a certain answer. But it is wrong." The policeman's job is only *that* easy, the judge reminded the DEA, in a police state.

After that, all the DEA's other arguments were extraneous, but the judge diligently took notice of them anyhow. The live rest of them was the brain-damage rumor, which the DEA had cooked up to justify banning MDMA on the same "emergency" list as their hideous y-potent neurotoxin, MPTP.

When they undertook to lodge MDMA forever in Schedule One last year, the DEA regaled all its pet mass-media mouthpieces with their own lurid interpretation of a basic rat experiment which had been carried out years previously at the University of Chicago by researchers Louis Seiden and Charles Schuster. Basically, Seiden and Schuster had shot up their rats with gigantic doses of MDMA, to see if it might cause the same sort of brain damage as methamphetamine does when it's shot into rats in gigantic doses. As expected, they found that the brain-cell damage was considerably less extensive with MDMA, and responsibly reported that. And they never once reported that any human being would ever even accidentally shoot up an even remotely gigantic dose of MDMA, or necessarily sustain any least bit of MDMA-induced brain damage. But of course that's precisely what all the DEA's pet media mouthpieces reported to the public, after they'd been fed the DEA's misrepresentations of this U. of Chicago rat study.

This was not the first time judge Young had seen the DEA trying to turn responsible scientific drug research into witchcraft. "The MDMA was injected into rats," he blandly noted. "The route of injection, which will make a vast difference in the meaning of the results noted, is not given in the DEA's report. Humans are known to take MDMA orally, not by injection. This difference is of great importance, and renders the test results meaningless for our purpose."

And anyhow, this was no decent argument for putting MDMA on Schedule One. The appetite-killing drug *fenfluramine*, marketed for years now as "Pondimin" by the Robens drug company, causes exactly the sort of pinpoint nerve terminal damage as MDMA might cause, and does the damage at much lower doses, Young noted, and Pondimin's only a *Schedule Four* drug! At least the shrink and lawyers trying to pry MDMA off Schedule One only want it to be redesignated to Schedule Three, where its unlicensed sale will still pull a 20-year prison penalties.

So the DEA's own in-house judge formally decreed that MDMA ought to be shifted from Schedule One down to Schedule Three, where M.D.s and drug companies can exploit its demonstrated therapeutic properties. At this writing, though, DEA administrator John Lawn can still overrule his own judge, and decree that MDMA is going to stay on Schedule One forever. Lawn is entirely likely to do this.

—Dean Latimer

● If it is not a psychedelic, if it is not a stimulant—and it is certainly now an analgesic or a sedative-hypnotic—then what is MDMA?

● It may be the prototype of an entirely new drug category. David E. Nichols, Ph.D., who is currently studying a series of chemicals that he has called "entactogens," stated in testimony to the federal MDMA hearings that the effects of MDMA are unique in their own right. He compared its potential importance to that of diethyl ether and nitrous oxide in the development of general anesthetics that led to modern surgery. Other researchers maintain, further, that the effects of MDMA are not psychedelic, but represent

a revolutionary means of furthering mental health treatment and exploration that has not been available through any previous source.

Those who have worked with MDMA state that although it can be looked on as consciousness-altering, and therefore called "psychedelic" for want of a better term, it is not hallucinogenic. The drug does not appear to cause visual hallucinations or distortions nor is it reported to lead to a delusional state. Subjects involved in medical research have not reported any of the ego loss, disassociation or mental confusion that can occur with psychedelic drugs.

According to therapists who have administered the drug to clients, MDMA is

characterized as bringing about conditions of peacefulness, an ability to feel trust, a lowering of psychological barriers and reported increases in insight. It provides these clients an opportunity to see clearly and dispassionately within themselves by opening out the blocks these clients have created between their own consciousness and suppressed painful experience. These effects, occurring at therapeutic dosages, are cited as what makes MDMA potentially valuable when used within a course of psychotherapy.

A number of anecdotal cases have been cited wherein the appropriate and sensitive use of MDMA with patients in the course of psychotherapy seems to have led to major treatment breakthroughs. Patients with problems that include long-term communication blockages and psychic traumas such as rape, the onset of terminal illness, and delayed stress, have been reported as benefiting from MDMA therapy.

Although MDMA is said to be free of the clinically less desirable effects associated with many other psychoactive drugs, such as visual distortions, loss of coordination, and intoxication, there are exceptions and reactions vary with the individual. The drug is, after all, still in an experimental state.

Researchers and health professionals unanimously agree that MDMA should never be used for recreational purposes or without adequate medical supervision. It is not a drug for recreation, intoxication, performance enhancement, or self-medication. The proper use, as they see it, is for specific and carefully planned and supervised sessions within a course of psychotherapy or other mental health treatment, or for directed research on human consciousness. MDMA is not a toy.

● But the Haight Ashbury Free Medical Clinic drug treatment staff reported that MDMA was being used recreationally. At least what was called MDMA, or MDM, or Adam, or Ecstasy, was being used.

In the twilight world of illicit or street drugs, things are rarely what they seem. Often easily obtainable substances are disguised to resemble others that are in demand but harder to get. The notion that habitual users can tell the difference between their drug of choice and a counterfeit is often a myth.

Treatment centers will not always know what specific drug a client may have used. It takes sophisticated drug testing equipment to tell the difference between two drugs as similar in structure as MDA and MDMA. The process is also comparatively expensive and unnecessary for symptomatic treatment of sympathomimetic reactions. In such cases, the Clinic's staff usually takes the word of the client for what they have taken. The client, for that matter, has usually taken the word of the

*continued on page 80*



Everyone knows psychedelic rock began in San Francisco with bands like the Jefferson Airplane, Grateful Dead and Quicksilver Messenger Service. Few people, however, recall an even earlier group that became a major attraction in the Bay Area in 1966: the CHOCOLATE WATCH BAND.

Although the WATCH BAND never had a hit record, never achieved national recognition, and never got invited to Woodstock, they spawned a devoted cult following that grows larger each year (despite a notable lack of publicity or record company hype.) The band released only three albums, yet 15 years after their release, two of the records continue being re-issued, with original copies trading hands for as much as \$75.

*Why does this group refuse to die?*

To find out, I decided to locate the WATCH BAND's lead singer, DAVID AGUILAR, who as far as I knew, had never been interviewed before. I hardly knew where to start. My only lead was a rumor he was teaching astronomy at a Colorado University.

The rumor turned out to be true—sort of. After several phone calls, I discovered someone named Aguilar had formerly been in charge of a Colorado planetarium, but had left the academic world for a more lucrative post elsewhere. After a few blind calls, I eventually tracked down a David Aguilar working for an aerospace firm.

"Is this the same David Aguilar that used to sing with the Chocolate Watch Band?" I asked tentatively.

There was a brief pause, followed by an amused chuckle. "Yes, it is," answered the voice.



Aguilar seemed genuinely surprised anyone remembered his former life as a rock star. I asked if he was aware of the Watch Band's growing popularity—evidenced by the release of several new compilation albums. "Yeah, I saw some of the re-issues in a record store," he replied. "But until I saw them, I didn't know they existed. I never received a penny from any of our records."

I next asked if Aguilar had any sixties memorabilia, mentioning I was particularly interested in a legendary box the band had always carried with them, a box reportedly filled with every conceivable variety of mind-altering substance. (Their producer Ed Cobb described the box on the back of a greatest hits album released in 1983: "[It] was incredibly hand-tooled, hand-carved, inlaid wood, like a giant fisherman's box. In it were sticks of hashish close to a half-inch in diameter, LSD, and all the pills you could imagine! . . . The smoke was so heavy coming underneath the [studio] door that I had a contact high for three days!")

"I don't know what happened to the box," laughed Aguilar. "Maybe it beamed directly into space after a recording session."

In a later conversation, Aguilar confessed he was the only member of the group who wasn't into drugs. He also explained why he'd gotten rid of many vestiges from his past. "I threw everything away from the sixties, even my records," he said. "I still have a lot of bad feelings over what happened to us during those years. The flower child era was a magical time, but most people don't realize how brief it really was."



# THE CHOCOLATE WATCH BAND

SAN FRANCISCO'S ORIGINAL PSYCHEDELIC GARAGE BAND  
BY STEVEN NAGER



MICHAEL OCHS ARCHIVES

**I**n these dark days of MTV-style shock rock, it's hard to believe there was a time when almost every kid in America felt he had a shot at becoming a rock star. The lawyers, accountants and image makers were around, but hadn't quite figured out how to run the system. Consequently, phony posturing, rock star clichés, and designer haircuts were kept to a minimum.

The American garage band movement began in the mid-sixties largely as a reaction to the British invasion. By the early sixties, America-made rock had already been undermined by a procession of baby-faced Fabians and Frankies, and the British had no trouble taking over the scene when they reverted to the original spirit of Chuck Berry, Little Richard, Bo Diddley, etc. Most American garage bands formed as copy bands imitating the British sound. It was a weird time—what with the Brits imitating the blacks and the Yankee teenagers imitating the Brits. The emphasis was on three-chord dance songs anyone could play, and the action centered around high school hops and fraternity parties. Some groups were pop oriented (meaning they sounded like the Beatles), while others pursued a more demented sensibility (meaning they sounded like the Rolling Stones).

Unlike today, the teens of the sixties were actively rebelling against a hypocritical society whose value systems had collapsed. Consequently, garage bands and drugs were a natural combination. The earliest bands probably ranked alcohol highest on the preferred list of mind-altering chemicals, but others were into more exotic highs, such as smoking peragoric, sniffing glue, or popping the occasional diet pill stolen from mommy's purse. Marijuana was just coming into vogue in 1964, but it was the arrival of LSD that really pushed the garage band sensibility to unexpected realms.

Acid, as it turned out, did not mix well with your typical teenage rock'n'roller. Acid heads tended to be gentle, introspective creatures, while garage bands were violent and destructive. Not many bands could combine the two sensibilities, and those that did, didn't last long. In fact, the fusion of punk and psychedelia is so unstable that the Watch Band have remained one of the few groups to successfully pull it off.

• • •

**W**hen Mick Loomis formed his band in 1964 he must have been aware of the country's growing interest in LSD. Why else pick such a surrealistic title for the group? In its earliest incarnation, however, the Watch Band was little more than a copy band for the Rolling Stones, Yardbirds and Kinks. The band went through several personnel changes before the final lineup was solidified in 1965: LOOMIS (bass guitar), AGUILAR (vocals), GARY ANDRUSSEVICH (drums), SEAN TOLBY (guitar), and BILL FLORES (bass).

All five members lived in San Jose, a model suburban community curled around the bottom rim of the San Francisco Bay. The local high schools overflowed with bands, the most popular of which was the Syndicate of Sound, a driving dance band that performed immaculate covers of current hits. Frequently appearing in matching



blue suits and Beatle boots, Syndicate members scored their biggest hit in 1966 with *Little Girl*, a re-vamped version of the five-chord classic *Hey Joe*. That same year another young San Jose group, the Count Five, capitalized on the emerging acid scene with a Top Ten ditty titled *Psychotic Reaction*.

Despite the competition, the Chocolate Watch Band created an immediate sensation in San Jose, a development at least partly due to Aguilar's unbridled vocals, some of which bore more than a passing resemblance to Mick Jagger's. Although music writers have criticized Aguilar's lack of originality, it's important to note his performances on vinyl remain convincing, powerful and full of sharp, emotional edges. There are some, in fact, who think he's better than Jagger (who, it



should be admitted, copied his style from American businessmen anyway).

"I was influenced by Jagger," admitted Aguilar, "but I was also influenced by Ray Charles, Muddy Waters and Bo Diddley. Mark was the philosopher of the group. He provided the psychedelic touch. I was more into rock'n'roll. To me, rock was like a lumber truck barreling downhill out of control."

Since Aguilar had a relative living in England, he received all the latest British hits before they arrived in American record stores. The group also made frequent forays to Los Angeles to buy British imports. "I remember the first week we got together," said Aguilar. "We went to Sausalito to get our picture taken and stopped at a local club that featured a group who looked like the Beatles.

We asked if we could play a song while the band was taking a break. They said okay. We barely knew each other, but we blew the rafters off that place. It was our first live appearance and girls were already crying and running after us."

It wasn't long before the band was approached by a potential manager named Ron Ruha, who arranged an audition with a producer/songwriter named Ed Cobb. Cobb was invited to see the Watch Band at a small club in San Jose. "He was in his mid-30's, tall and thin," said Aguilar. "He sort of reminded me of Roger Moore."

A former member of the squeaky-clean vocal group the Four Preps, Cobb had some connections with Tower records, and was in the process of pitching several acts to the label. After the Preps had broken up in '64, Cobb



# THE CHOCOLATE WATCH BAND

ORIGINAL LOGO BY DAVID ALLEN

had formed a production company called Green Grass with an old friend Ray Harris. The duo was determined to mine the new emerging youth market. (Cobb's final recording with the Preps had been titled *A Letter To The Beatles*.) Cobb had already written a song titled *Dirty Water* and was looking for a group to record it. His first choice was an L.A. garage band called the Standells.

"The Standells were a good studio band," said Aguilar, "but they were terrible on stage. I'm still upset we didn't get *Dirty Water* because we could have had fun with that song. Cobb gave it to the Standells because they had a Farfisa organ."

While *Dirty Water* was climbing the charts on its way to becoming a massive national hit, Cobb went to work on another song for the Watch Band titled *Sweet Young Thing*. First, however, the band was asked to sign a multi-page contract with Green Grass. "Our manager told us it was a really good deal," said Sean Tolby in 1983. "But it was awful! They owned our name, they owned everything! On Rube's word, we signed it without realizing what would happen." "We were only 17 and 18 years old," added Aguilar. "Cobb said he'd make us stars. We didn't know what we were doing." (Within a matter of months, the group would get much better offers, including one from Filmore owner Bill Graham, but by that time it was too late. *They were locked into a five-year contract.*)

Released in '65, *Sweet Young Thing* promptly went nowhere, which is strange since the song is considered something of a classic today. Aguilar blames Tower. "I don't know why they put us on that label," he said, referring to the fact Tower passed the tape to Uptown, a black R&B subsidiary. Obviously, the record's promotion was botched.

"It was a marvellous beginning," writes archivist Brian Hogg of the song, "somewhat modelled on the Standells, but with a prominent Rolling Stones influence in Aguilar's Jaggeresque phrasing, the Brian Jones harmonica and the guitar riff, which somehow always seems to be hinting at the tune of *Paint It Black*. *Sweet Young Thing* is, however, more than mere cloning, there's an atmosphere that's purely Californian that makes it special."

Cobb was dividing his time among many projects and

with the success of the Standells, he had less and less time for the Watch Band. "We saw very little of him," said Aguilar. "We were on tour all the time." Cobb began to view the Watch Band more as an outlet for cashing-in on the psychedelic subculture. Unfortunately, his efforts to realize this goal would usually be made at the band's expense.

"One day Cobb called us and told us to fly down to L.A. to be in a movie," said Aguilar. The result, *RIOT ON SUNSET STRIP*, provides the only known footage of the Watch Band performing. Unfortunately, they were forced to lip-synch, performing two highly derivative originals that were probably written on the spot: *Don't Need Your Lovin'* and *Sitting Here Standing*. As far as Aguilar is concerned, the true sound of the band was never captured on film or vinyl. The film, however, does offer a sample of the band's impressive stage presence.

The Watch Band was especially appreciated at San Francisco's Filmore Auditorium, where they shared the bill with such acts as the Yardbirds, the Mothers of Invention and the Jefferson Airplane. They also performed as an opening act for the Seeds, a band they considered their musical inferiors. To show their disdain, they opened with 25 minutes of Seed covers, including the hit *Pushin' Too Hard*. "The Seeds were so mad they didn't want to come out and play," laughed Aguilar.

Meanwhile, according to Aguilar, Loomis and Tolby were sinking into a psychedelic haze. "I think LSD really messed them up," he said. "It opened a few doors that probably should have been kept closed. There were nights when our equipment manager would have to stand behind Sean and prop him up. I was afraid to take acid because I saw so many burn-outs." On a trip to L.A., Loomis bought a polished mahogany box with brass fittings and filled it with drugs. "It became his first aid kit," said Aguilar.

Despite a lack of airplay or media attention, the Watch Band had high hopes for their first album *NO WAY OUT*, which was released in September 1967. Half the album was given over to Cobb's concepts, even though the band had already proven their songwriting abilities. Cobb insisted on two covers, *Hot Dusty Road* and *The Midnight Hour*. The third cover, Chuck Berry's *Come On*, was more

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# THE SMUGGLER'S JOURNAL

## RETURN TO COLOMBIA

Born beneath the final approach to New York City's LaGuardia Airport, Bradford X saw and heard airplanes throughout his earliest awareness. During preadolescence, he built model planes, faithfully memorizing aircraft silhouettes and engine performance charts. After 17 years of retail druggery (working for the family business), he migrated to Miami, where he attended flight school and studied airplane mechanics. Upon receiving his pilot and mechanic licenses, Bradford tried vainly to find a decent-paying legitimate job, but discovered the most profitable work available to him involved smuggling drugs out of Colombia. His first venture, undertaken with a pilot named Ozzie, proved a miserable failure. (Their overloaded Learstar crashed during takeoff at a remote jungle strip—see *HIGH TIMES*, Sept. '86). Undaunted, the duo immediately began plotting another dope run.

**I** met my new bosses, two brothers named Wing, in Los Angeles. They were rich landowners from a pioneer family. More important, they liked adventure and had faith in Ozzie. For a 60/40 split, they agreed to front money for an airplane and dope. Ozzie and I were supposed to do all the leg work and to contact the brothers only when monies were being paid or collected.

The best airplane we could afford was a Beech-18, a nine-passenger military transport also known as a

Twin Beech. It is a popular bush-and-jungle airplane, noted especially for short field takeoffs and landings. In the military, the plane is called a C-45 and has a reputation as "one tough son of a bitch with wings." (In *Casablanca*, Ingrid Bergman flies away in a Beech-18.) Ozzie knew of a large assortment of the planes at an airport near Cleveland, and we arrived in the dead of winter to buy one.

Winter in Ohio is always cold, but this one set

records for harshness. The flat landscape was a white nightmare of blowing snow. We found a Beechcraft at a very reasonable price. Unfortunately, however, the plane was buried under a mountain of snow and it was over a month before we were able to dig it out and start tuning it. During this period, we were sustained by happy thoughts of our return to balmy Colombia. By February, Ozzie and I were flying back to south Florida, where the Wing brothers were on hand with money. It took just two days to set up a deal with our Colombian contacts.

The sky was a brilliant turquoise as we flew over the south Atlantic. Ahead lay a vast green panorama of glossy, calm water. We passed near the Bahama Islands, a string of sandy pearls resting on a moist, flacid carpet. Not a bit of wind impeded that ugly little plane from its heading toward the Great Inagua radio beacon. The only clouds I saw that day were towering cumulus over Haiti and cumulus far off in the distance over Columbia. It was late afternoon when we landed on the same rugged Colombian jungle airstrip we'd visited in our first trip.

The hot air smelled of smoky campfires and decaying vegetation—just as I'd remembered it. I was so happy I wanted to kiss the sandy clay earth and say "hello" to each of the giant cactus plants. Happiness turned to ecstasy when Senor Mauricio showed me one thousand pounds of golden buds. The plan was to spend the night in Colombia and get a fresh start in the morning.

As the tropical sun fell, the atmosphere became effervescent with hordes of hungry, bloodsucking

mosquitoes. The sky went out of focus as we were attacked by swarms of biting insects. The Colombian workers built large campfires and the smoke provided some relief. Ozzie found some winter clothing left inside the Beechcraft. We put on fur parkas, wrapped ourselves in blankets, and stood close to the roaring campfires—but to no avail. There was no defense against the carnivorous blitzkrieg. Soon, all exposed skin was covered with gore.

Out of sheer desperation I lit my first cigarette in five years. I couldn't help it. I couldn't sleep. I reminded myself that I was a soldier of fortune, and that I hoped to be paid very handsomely for this night's work. I took strength in the sight of the mountain of marijuana I would soon be transporting.

Just before dawn, the mosquitoes calmed down. I boarded the plane and checked the regular and auxiliary fuel tanks, as well as the tiedown of the cargo.

★ ★ ★

**W**e said goodbye, vowing to return. Unlike our previous trip, the takeoff was uneventful. As the heavily loaded Beechcraft inched upward into the cool sky, I caught a glimpse of the ocean below, a polished sheet of blue tranquility. The ugly duck climbed into mosquito-free heaven







at 70 miles per hour. Gear up, head north, and bring the cargo on home. In four hours we raised the south coast of Haiti. Now at least we knew we wouldn't drown—we had radio guidance the rest of the way.

Three hours later, over Exuma Island, the left engine oil pressure began fluctuating. We were high enough and close enough for a shot at flying her on one motor, especially since we'd burned off most of our fuel load. But Ozzie thought differently, and headed for the first available island, where he landed against the established traffic pattern—which, in turn, alerted the local police and customs. A car filled with official black faces immediately started toward us from one end of the runway.

Ozzie spun around, gave the duck maximum power, and began a deadly game of runway chicken. airplane against automobile. The airplane "won," but we cleared the car with only inches to spare. I looked down and saw numerous black fists pointed toward me. I checked the oil pressure. The gauge fluctuated wildly.

The next island was deserted, and I was able to get out and quickly put in six quarts of oil. This was only a temporary solution because over Miami, almost within sight of our destination, the oil pressure began wobbling again. We considered our options. We knew of a small training airport, Opa-locka West, which is located near Miami International. Student pilots use it for touch-and-go landings.

Ozzie performed another downwind guerilla landing, almost colliding with an airplane coming out the other way. I got out and put in another six quarts of oil. We quickly took off and headed for our final destination.

After landing on a remote dirt strip deep in the Everglades, we unexpectedly found no one to meet us. According to the plan, a South African gentleman with a station wagon was supposed to await our arrival. But there was no station wagon here. We were alone in an exposed location with an airplane full of dope. "Now what?" shouted the deafening quiet. We needed ground transportation! We'd gotten the dope to America, what the fuck more did we have to do?!

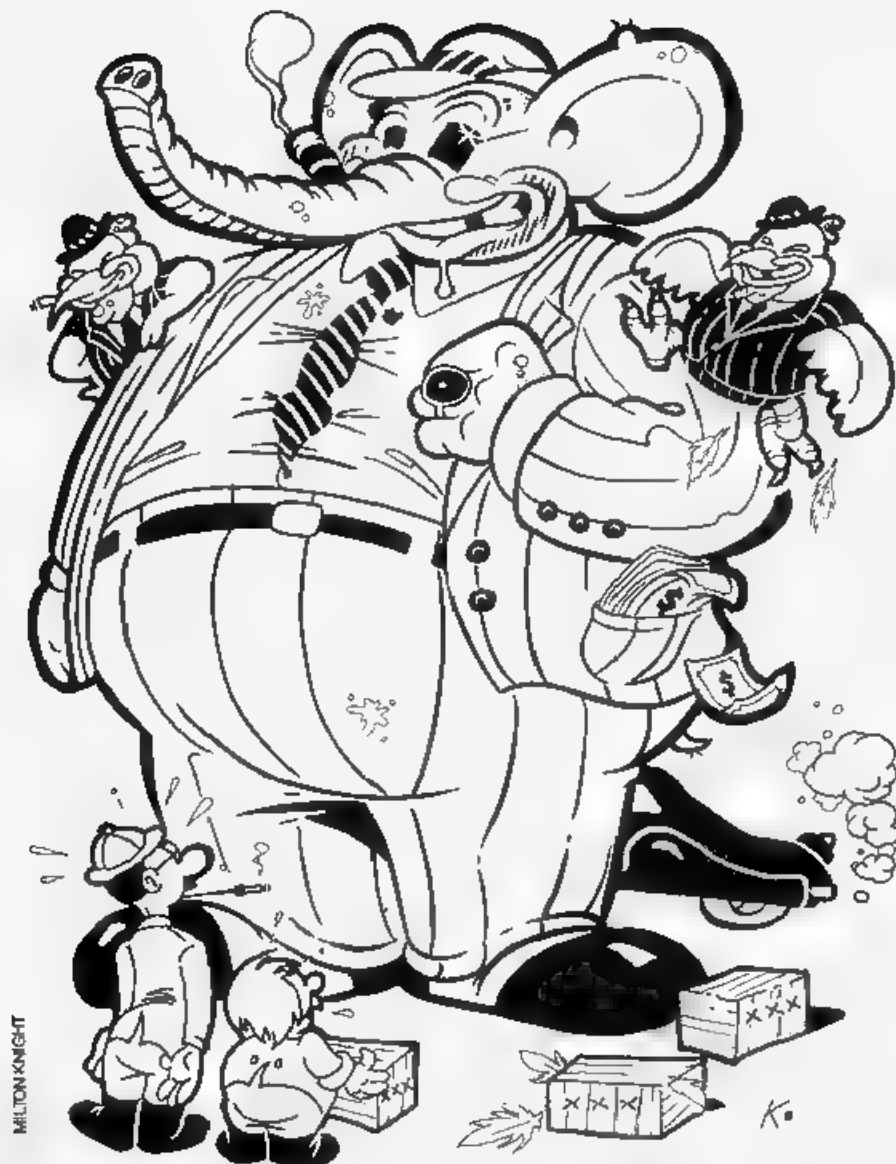
We unloaded the pot and hid it in the jungle. Ozzie flew out to get help. I was to babysit.

It got dark quickly and I felt very much alone. For safety, I moved the cargo deeper into the bush. Fortunately, Florida mosquitoes were pussies compared to their Colombian cousins. I found an old, junked truck for shelter and fell asleep.

★ ★ ★

**M**orning came and I woke to find myself enveloped in the primal beauty of swamp life. I sat, waited, and grew increasingly scared. My thoughts turned to food. I had visions of hot coffee, ham, and soft scrambled eggs. Suddenly I realized I hadn't eaten in over two days and I had nothing on me but cigarettes and matches. Man, did I smoke!

While exploring the area, I discovered myself surrounded on all sides by swamp, quicksand, and



low vegetation in standing black water I didn't know what was happening in the outside world, but I sure hoped Ozzie was moving heaven and earth to get me out of this place.

Ozzie and the third morning arrived simultaneously. He brought a beer, a Big Mac and the youngest of the Wing brothers. Because of the soft mud, it had been impossible for them to drive into the swamp and they'd been forced to walk 18 miles from the main road. Now we had to hide the dope and walk the 18 miles back.

A big, warm Cadillac sedan waited us in Alligator Alley. Inside were sandwiches, coffee, and a bottle of rum. I crawled into a warm coat. The owner of the Cadillac was a professional smuggler I'd met previously under social circumstances. He was a definite mover and doer and operated under the code name "The Elephant." Boy, was I glad to see him.

The Elephant took complete charge of everything, renting a paramedic truck, a four-wheel drive vehicle, and purchasing a cable winch. The convoy started back through the quagmire to remove the precious cargo. Twice it was necessary

to use the winch to pull the truck out of the mud.

We arrived to find the dope undisturbed. Ozzie, myself, and the young Wing brother simply loaded the truck and drove out of the swamp. The amazing part was that now everything worked so smoothly. On the entire trip to Pompano Beach, Florida, a distance of more than 100 miles, no official car of any kind was seen. Good thing, since the inspection sticker on the truck was expired.

The cargo was delivered to a gas station in Pompano Beach and I proudly added my name to the list of smugglers—a profession as old as the invention of borders between nations.

Back home with my wife and dogs, I received the proper welcome of a soldier returning home from the wars. The next day Ozzie, the Wing brothers, The Elephant and the South African were on hand and a loud argument ensued over the split of the money. In later years, I would learn there is *always* a loud argument over the final split. It seems there is never enough to go around. The partnership with the Wing brothers was officially over. However, The Elephant seemed interested in Ozzie and me and The Elephant was talking DC-3.

TO BE CONTINUED...

# Baba Boom at the Mickey Mouse Cafe



ALL PICTURES BY BRUCE DOBSON

BY BRUCE DOBSON

**W**e were coming up the eastern coast of India from Madras to Calcutta by steam engine train. The track was narrow gauge, which made for an unsteady ride. It was possible to cat nap, but a good night's sleep was just a day dream. We decided to lay over for a day or two at Puri, "God's home town" a sign inside the railroad station told us. Puri is most famous for its Jagannath temple.

We got a hotel on the beach and slept for 15 hours the first day. By the evening of the second, we were feeling better. I began to browse a *Lonely Planet* tour guide book in hopes of finding some diversion for the night. I found the following quotation under "Things to buy":

Puri is one of those delightfully eccentric towns where the use of ganja and bhang is not only legal, but also the government very thoughtfully provides for smokers' requisites in the form of shops selling high quality weed

at the very reasonable price of around ten rupees a tola. They also do a nice medicinal line in opium at slightly double the price

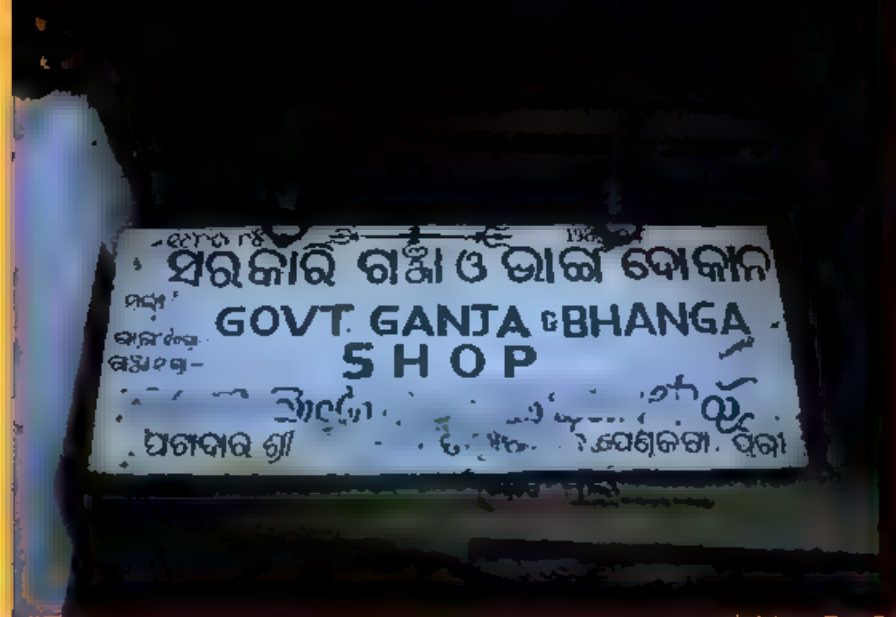
"Maybe we should stay another day or two," I said to my companion, showing her the book. "We'll give ourselves some time to do a little shopping."

She agreed, but we were both a little dubious. We'd read of pot and hashish busts throughout our stay in India.

The ganja shop was on the guidebook's map, next to a lower class hotel called "Dreamland." All the guidebook maps had proven useful but paid scant attention to scale. I estimated that the ganja shop was somewhere between one and ten miles from where we were staying.

Puri has no taxi cabs. The only public transportation is by trishaw, three wheel bicycle rigs with bells and brightly colored canopies that must be folded up and lowered for the Western passenger. We are taller and little wider than the Asians that they were designed to carry.





We climbed on . The trishaw's driver was delighted, beaming at us as we squeezed into the narrow seat. "Where to?" he asked.

"The government ganja shop," I told him. "Near the Hotel Dreamland."

"Ah, you want ganja." He was grinning. "Government ganja is no good. I can get for you much better. It will only cost a little more. Or maybe you want charris? Charris twenty times more strong, but is expensive. We will go to my house. I will show you." We began to roll.

I stopped him. "Wait! We do not want to go to your house. We want government ganja. Can you take us there or not?"

"Oh, yes. I take you, but you make a big mistake."

We started down a narrow, one lane, dirt road. A warm breeze was coming off the ocean. The temperature was in the eighties and the sun just going down. There was a scattered line of palm trees on our left that had been planted years ago to shade what once had been grand hotels. Now they had crumbled, with nothing left but rotting walls bestrewn with vines. Goats wandered aimlessly amid the once palatial grounds.

"You want to look at some batiks?" asked the driver. "Some jewelry? Very not expensive."

"Not tonight," I told him. "Maybe later." We had learned that it was better not to make direct refusals when in India. "No," is simply not acceptable.

Several new hotels were being built along the beach off to our right. The beach was wide and gave the feeling of a desert, much too hot for languid basking in the afternoons. Our trishaw overtook some bullocks being herded home, a dirty little girl inside a ragged dress behind them.

We rode on in silence for a few more minutes, then I felt a nudge. Elizabeth was pointing to a thatched roof, open-air cafe beside the road. A homemade wooden table spanned the center of it, with benches on each side. Some kind of kitchen seemed to be in back. We could see crates of cola bottles, cigarettes and candy on display. Three European men were sitting at the table. One with his head between his hands was looking at the table space between his elbows as the other two stared into space. One held a beat-up guitar in his lap. A sign beside the place proclaimed this was "Banko's Restaurant."

"We must be getting close," she said.

The Hotel Dreamland came up next and then we passed another restaurant someone had named the "Mickey Mouse." It was an interesting neighborhood. A little further on our rickshaw slowed to a stop in front of a dilapidated wooden building. It was dark now, with a full moon low on the horizon.

"Ganja house," said the driver while pointing.

We climbed down. The place was just a wide spot in the road. Small wooden stores with thatch roofs sold goods by lantern light. Some ragged children ran up to us begging coins. In front of us, a chipped paint wooden sign was hung, "Gov't. Ganja & Bhanga Shop." It was a small white stucco building with a corrugated metal roof. There was a window in the center of it and wooden bars ran up its length. A slot beneath the bars permitted passing cash and purchased items. I paid the driver, but he didn't leave. He knew we'd want a ride back. We stepped up on the wooden porch and stood before the window. On the other side a man sat in a



wooden chair, a newspaper spread before him.

"Ganja," was the only word I could be sure he'd understand. The man said something back in Hindi. "One tola," I added hopefully. I slid ten rupees through the slot (about a dollar and five cents). A tola weighs twelve grams, a quarter ounce.

He put the newspaper aside and pulled a large cloth bag from underneath the counter. He removed a handful of its contents, then weighed it on an ancient set of balance scales. The pot was hard and dry, yellowish in color. When the weight was right, he wrapped it up in newspaper and passed the package through the slot.

"Opium?" he smiled.

"Maybe later."

We stepped down and climbed back on the trishaw. "Mickey Mouse," I ordered. "We will celebrate this score with dinner," I told Liz. I held the package out for her to see.

"Amazing," she concluded. I agreed.

The Mickey Mouse was busy that night, almost full with 25 or 30 customers. We found a space and sat down at a table ringed with Germans and one guy who looked Australian. Most of them wore Levis, T-shirts and rubber thong shoes. A few wore Hindu clothing. There was still one empty space across the table from us, next to the Aussie.

A parade of devoted dopers came to our table, each with the day's stash.

As the others ate, a barefoot boy in khaki shorts came up and offered us two menus. We decided on banana pancakes. Food at our hotel was poor. The dinners that they served were hardly large enough to fill a mongoose.

"We want four plates of banana pancakes," I informed the waiter.

"Four too much," he told me.

"We want four," I reaffirmed.

"Some friends are coming?"

"Just bring four," I said again.

"They want four plates banana pancakes," the waiter said to a German at the far end of the table. Maybe he was thinking that the man would clarify things for us or for himself. The German only shrugged.

The boy went back into the kitchen mumbling to himself. Some 15 minutes later he returned with four plates stacked with very large, thick pancakes. There were six on every plate. The waiter made a show of setting them in front of us.

"Anything else?" he grinned.

"Four colas," I answered as if nothing were amiss. One of the Germans giggled. "We'll eat every one of these," I whispered, "just to show the little bastard." Liz looked doubtful.

Seven pancakes later I was stuffed. Elizabeth was only on her third. "We're doomed," I told her. "There's no way we can eat all this."

But then a miracle occurred. A Shaivite holy man came in. He wore a dirty, ragged, orange, robe-like outfit. Wild, unkempt, white hair and beard set off his black face like a halo.

"Boom!" he said. He put his fist up to his forehead.

"Boom," the German answered. They all seemed to know him.

The Australian shifted to his right to make more space as he sat down across from us. I took advantage of the situation.



Half the table  
disappeared in  
smoke as Baba  
Boom exhaled.

"Here, for you." I pushed the fourth and untouched plate of pancakes over to him. Luck was on our side; he seemed delighted.

"Good," he told us. "Very good." He chuckled to himself, then started eating like he hadn't for three days. That may, in fact, have been the truth. The diet of baba (holy man) is seldom stable in that part of India.

We ate in silence as the Germans and the Aussie ordered coffee and unpacked their papers, pipes and chillums. Bags of dope appeared. The Aussie opened his and held it for the holy man to smell. "Good stuff," he said.

The baba put his nose above the sack and sniffed. "Not bad," he said. "Not good."

"Hey, that's Afganny!" our Australian friend bemoaned.

"Maybe," the baba muttered through his pancakes.

"Want to try some?" he continued.

"Maybe later," Baba answered.

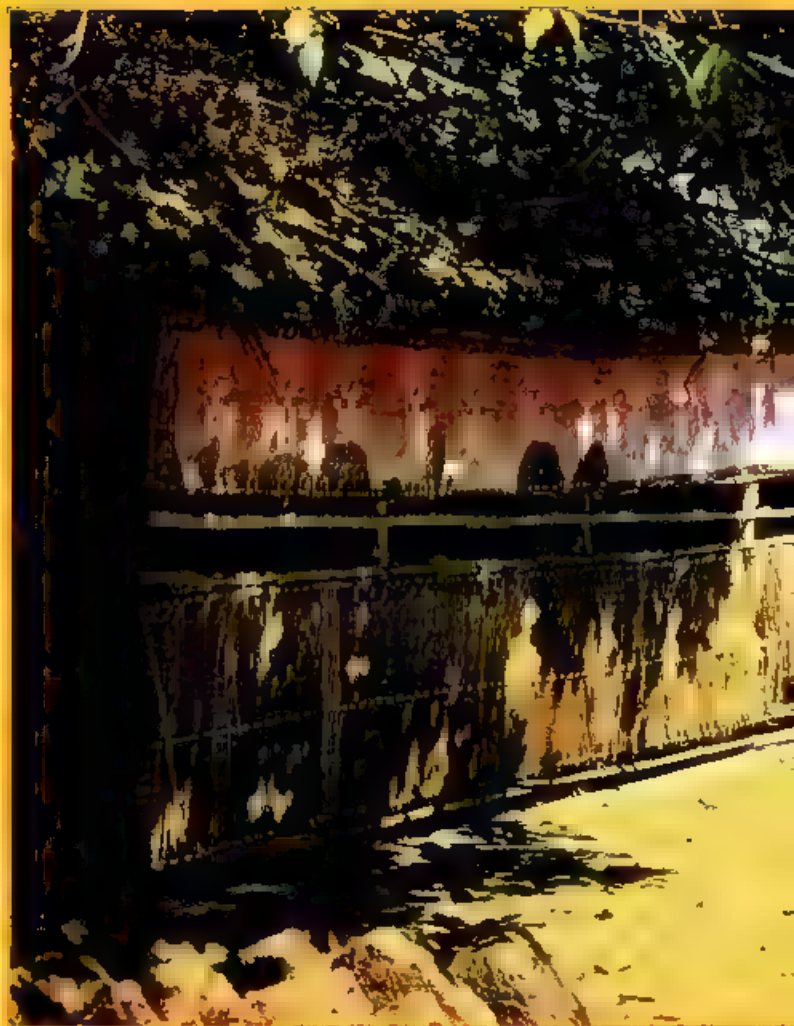
By the time that later came, the room was getting foggy from the pot smoke that went up from every table. We were last to finish eating. Baba put a rag out on the table and unrolled it; inside was an eight ounce chillum pipe. It had been cut from stone, about eight inches long, two inches wide across the top. A cobra climbed the side of it. Green rhinestones had been set into the head.

Inside it was a rope-like rag. He pulled it out and gave one end to the Australian, then he ran the other through the pipe. Between the two they held the rag out like a clothesline. Baba ran the chillum back and forth across it, cleaning out the residue.

"Afganny now?" The Aussie put a wad in to the baba's palm.

"Cigarette please?" Baba asked.

I gave him one. He tore the end off and mixed about a third of the tobacco with the pot. He took his thumb and slowly ground the mass into his palm. Two joints were passing round the table as the ritual went on. Elizabeth and I were getting fairly buzzed.



"Water!" Baba called. The waiter brought a glass and took our empty plates.

"Not bad," I told him. "Just enough." He knew we didn't eat them by ourselves but made no comment.

The baba flipped some drops of water from the glass into his palm to wet the wad that he was working on. Some minutes later, he produced a smooth, round, dime-sized ball. He called for matches and a German lit and held one for him as he roasted his production. After that it was a dry, hard ball.

Next, the Australian dipped the rag into the water glass. He wrung it out above the plank wood floor and passed it to the holy man. The baba wrapped it carefully around the bottom of the chillum, then the ganja ball was dropped into the other end. He made a fist around the cooling rag and pipe and put it to his forehead. "Boom!" he cried.

The German lit him up. His inhale lasted twenty seconds. Fire rose from the big end of the chillum. Half the table disappeared in smoke as he exhaled. He passed the pipe to me. Boom!





As the pipe went 'round the table, the Baba grinned at me. He looked divinely happy, sparkling eyes, a Jesus smile across his face. The Aussie and the German both were looking fondly at him. There were twelve of us around the baba who was sitting at table's center, an Asian last supper, complete with black Christ in flowing robes. No wine.

A parade of devoted dopers came up to our table, each with that day's stash. All were anxious for the sadhu's drug analysis and eager to give samples of the best that they had found. Baba Boom was in his glory! I was fading fast into another world.

A different trishaw took us home. Its driver charged us three times what the ride was worth, but we were feeling good and much too stoned to argue.

"You should go see the temple," our new driver told us. "Very famous. Very holy. I am the best guide. Very inexpensive. Morning is best time to go; after that, too hot."

"Not tomorrow morning," I said. "Maybe later in the week."

**"Ganja" was the only word I could be sure he'd understand.**

**W**e crashed at ten that night and got up early the next morning. I was eager to take photographs and check out Banko's place. We caught a trishaw going up the road, a nice ride in the cool, clear morning air.

Banko's restaurant was closed when we arrived. We sat across the street next to a pile of rags someone had left on top a concrete platform that surrounded a gigantic banyan tree. The rags began to move. "Baba!"

"Oh..." he groaned and sat up slowly. He began a racking cough. "I don't feel good today," he told us.

"Too much stuff last night," Elizabeth surmised.

I held some of our stash out to him. Baba looked at it with bleary eyes. "Not now," he shook his head. "But maybe later." He got up and started down the road still coughing, off to do his morning ablutions.

We sat a while and watched the cows and dogs and people go about their business. Banko soon appeared to take down a tarpaulin that closed off the restaurant to the street when it was not in operation. He spotted us and called us to come over for a cup of coffee. We accepted.

Banko served us. "English?" he asked.

"No. Americans." A small black bug was trying not to drown inside my coffee cup.

A Frenchman and an English guy emerged from Hotel Dreamland, crossed the alleyway and flopped into the empty seats beside us.

"Iddli," the Frenchman muttered. "Coffee."

"Me, too," said the other one.

The man from France did not look healthy. He was tall, gaunt, barefoot and wore dirty clothes. His sunken eyes discovered a small box of matches on the table and his shaky hands retrieved a joint

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# GOVERNMENT GANJA

(plus one tola of opium)

BRUCE DODSON









# WINTER HARVEST '86

BY ED ROSENTHAL

## The plants have ripened in the late autumn sun.

Starting with the first stage of pubescence, a few brave hairs grew at the nodes.

Ten days later the pistils had grown enough to outline the future bud. Still white and fresh, with a tinge of red or purple, the flowers stood in a vain search for pollen. Another two weeks and the bud filled out, gained weight and squeezed out more hairs. The whole cola looked frenzied, each hair searching desperately for pollen, or else its fate would be to dry up, unfulfilled. Already some of the pistils had taken on deep purple or crimson hues as they dried and the ovary behind filled out in a false pregnancy.

Close up of the garden in late autumn, the plants are beginning to ripen in November.

The plants are beginning to ripen in late autumn, the plants are beginning to ripen in late autumn.

The plants, top left, are beginning to ripen in late autumn, the plants are beginning to ripen in late autumn.





● A mature bud vibrating with energy. When cannabis reaches this stage of maturity, the buds glow.



● This indica-sativa hybrid was grown in 1983. The plant was grown in a greenhouse in the Netherlands. The buds were more than 10 cm long and weighed more than 100 grams.



● Almost done. Only a few pistils are still viable. The rest have withered after a vain search for the pollen needed to fertilize the seeds.

In a magical synthesis, the buds ripened with short days, lit by a clear reddish sun, and cool nights. The pistils withered, losing any chance of contacting a floating pollen grain. They seemed to be drawn into the developing false seed pods.

The glands began to fill out. Hardly noticeable a week before, the glands sparkled just a bit when caught in the sun. A week later, they have grown into mushroom-shaped organs littering the leaves, the stem, but especially the flowers of the plant. They seem like crystals jostling for space in too small a space. They glisten. They have a halo when the sun is behind them at the end of the day. In the noon sun, they are luminescent. They glow. They radiate electricity. Just looking at them, you get a shiver of energy going up your spine.

You look at the plants. They are still putting out a few new flowers. But the colas are ripe and another generation of marijuana has grown to complete its life cycle.

*continued on page 57*

By playing Mother Nature, the indoor gardener can develop fast-growing, super strong buds all year round. ©

## BREEDING FOR BIG BUDS

Close-up of Big Bud a few days from harvest.



Narrow leaves show classic indicas.

**GREAT INDOORS**



This single indica bud is being fertilized by male pollen in the plant's bag.

# HARVEST '86

BY JORGE CERVANTES

**"Look at the size of that thing, I must be hallucinating,"** said Tim as he stared in awe at the huge six-inch diameter flower top. "What did you put in this joint to make me see things twice as big as life? I mean, that is the biggest bud I've ever seen!"

"We call her Big Bud. I think she is 100% Indica," replied James with a big smile. "I brought her back to Detroit from out West. Here, give her a try," said

James, passing Tim a bomber of Big Bud.

Tim put the spliff between his lips and gently drew a few breaths through the unlit joint. "So fresh and minty, it's the best I've ever tasted. I take back all the bad stuff I said about indoor smoke," Tim said with a pleased sheepish grin.

"They've been breeding some incredible plants out on the West Coast. When I was there, indoor growers were talking about the Hash Plant that matures into a

*continued on page 58*





# MORE POT ON THE WAY FOR '87

■ This tender bud is on the verge of peak ripeness.



■ These buds were tipped through those of enforcement's droops.



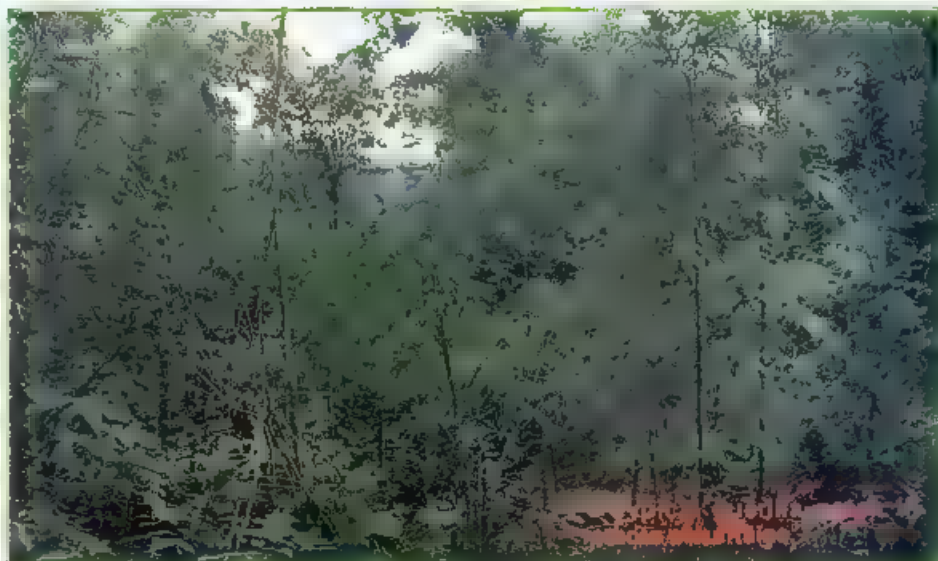
■ In this large pot, the man

BY JORGE CERVANTES

**Whew! The summer marijuana drought is over!** The law of supply and demand drove the summertime marijuana price sky high. This scarcity created a run on last year's harvest of quality outdoor buds. As soon as the pot surfaced on the street, it was sold and smoked. This phenomena is similar to what happens when depositors learn their bank is running out of money; the depositors run to withdraw all of their savings. In this case, the savings go up in smoke.

For the third consecutive year the Campaign Against Marijuana Planting

*continued on page 59*



■ The buds were tipped through those of enforcement's droops.



# HARVEST '86



Bud in late stage #1. Notice the white hairs. Most of the bud's weight has been attained. In later stages its quality will improve.

From the time the plants were first started in the greenhouse, the weather was ideal. The sun was out most of the day, and the temperature was in the 70s and 80s. The plants were watered every day, and the humidity was kept at a level of 60-70%.

After early September's freak storm, the skies cleared. Except for an occasional cloudy day, the autumn sun shone faithfully to ripen the plants.

My only September harvest so far had been the early Afghani-Durban hybrids. Now the other plants were ripening.



Close up of conventionalers discussing the weather and light conditions. Main colas reached a minimum length of one foot with a few two-footers.



The plants were watered every day, and the humidity was kept at a level of 60-70%. The sun was out most of the day, and the temperature was in the 70s and 80s. The plants were watered every day, and the humidity was kept at a level of 60-70%.



# HOMER'S GARDEN YIELDS HEAVENLY HIGHS

BY HOMER GROWN

I watch the hairs go through the first stage; they are usually white, moist-looking, erect, and semi-translucent so that they glisten in the sunlight. The bud puffs out in growth for about four weeks.

The second stage begins when the hairs turn red, although they remain moist looking and translucent. They are still alive and vital. The hairs remain in this condition for about two weeks. During this time the glands swell a bit and the resins become apparent. They start to sparkle in the sun with the translucency of tiny diamonds. Then the hairs become opaque and begin to dry out.

Starting at the bottom of the cola, the hairs form wrinkled shapes of opaque red threads as they dry. They contrast starkly against the duller green of the vegetation. The buds in the middle of the cola stick out brightly in the sun, glowing deep shades of red. The hairs at the top are still mostly white; only a few of them are beginning to turn red. They are almost ready to harvest. The leaves start to lose their green color, turning bright yellow.

During the final stage, the ovary behind each hair begins to swell into a false seed pod as the dried thread shrinks. The crystals, actually the swelling glands, shine all over the bud creating a breathtaking fluorescence. The resins lose their clarity, turning darkening shades of amber. The leaves turn brown as they dry up.

Now is the time to harvest. Some paranoid farmers harvest between the first two stages of flowering. They figure the flowers are mature, they will put on little weight, so why take a chance keeping the plants out in the field? The reason is that there is a difference between mature and ripe plants. The plants do not reach their peak potency and taste until they fluoresce with glands full of mature resins.

During the first week of October, I spent my time checking out to see which plants were ripening. The main harvest began around October 7th. After that there was a continuous reaping. I visited each garden about once a week. I cut the plants that were ready to harvest, leaving the big stalks at the site and packing out only with bud. I could carry rough trimmed bud, from six to eight plants pretty easily. But it's a hard hike in and out—

rough country and a lot of climbing—so that larger harvests required more than one trip.

I was harvesting from three large bud patches and a small seed patch. Once I hiked out, I cycled with the pack to the drying house.

The first step was to trim the branches. The fan leaves contain a tremendous amount of water and increase the humidity of the dry area tremendously. At the same time, they block the air from circulating around the bud. I remove the fan leaves using curved blade stainless steel manicuring scissors. Friends of mine just pinch them off with their nails. Moisture escapes at an accelerated rate from the wound area. Once the big leaves are off, I hang the colas using the joint between a bud and the stem as the crotch.

At the beginning of the month the days were warm enough to promote drying. I was using a small pole barn (some poles sticking up in the air supporting a roof with no walls) and a house in the middle of the woods heated solely by wood. The pole barn was sufficient shelter to dry two loads, but as the weather turned cool, the buds refused to dry. I had to remove them to another location and abandon the space. Instead, I dried in the house.

In the middle of the month I checked the sites and brought back another load. Going to one plot I saw Hunter's tracks on the other side of the field. Had they been pot conscious they certainly would have recognized it, but fortunately, they kept on their tracks.

This placed me in a dilemma: it didn't look like anybody's been there because there were no tracks in the patch, but they might have seen it and be planning to take some sort of action later. Harvest it all now or leave what's not ripe? I took the second course and stuck with my karma and intuition.

By the end of October the main part of the harvest was complete and all that was left to harvest was the seed patch and the late sativas which I grow for personal stash. I prefer them to the indicas.

The final yield was substantial, with only small losses to the government and none to rip offs. The plants yielded between  $\frac{1}{4}$  and  $\frac{1}{2}$  pound each and were generally very potent. ●

## ED'S HARVEST

continued from page 53

It is hard to believe that a few months ago these plants were just a few seeds in a bottle.

Finally, when the sun turned course to shorten each day, and when each night increased in length, the plants began to flower. Once flowering began, it progressed geometrically until the plant came to this glorious state.

The plants are still here in spite of the valiant efforts of the police, informers and other government agents. Despite the sleazoids, rip-offs and thieves. These miserable scum prey on the honest but unprotected efforts of dedicated farmers. They steal an honest man's labor. But they were not dedicated enough because here it is, folks: the real stuff, still glowing as it gets picked in the early evening darkness.

You cut the plants down, break the largest branches and pack the bud. Checking carefully, you leave the growing area, quickly stuff the boxes into the trunk and off you go to a safe house.

Now that the bud is in your hand, all of the backbreaking labor this summer is worth it. All those hikes, the drymouth when you thought you would die for a drink of water, the helicopters, the sleepless nights by your plants—and for this, they put a mere monetary price on a sacrament. Grown with love and lust, grace and greed, hopes and heartbreaks, the pot is but a few steps away from smoking.

The branches are cut to manageable lengths, one to two feet, then are strung up in a cool room with lots of circulation. Now the trimming process begins. The idea here is to bring out the natural beauty of each bud, not by stripping it bare, but by manicuring the flowers. The glands are all over the buds and a naked bud is likely to have the glands knocked off in transport and storage, so that it is best to leave the small leaves surrounding the flowers.

Once the fan leaves and large secondary leaves are removed, excess leaves should be removed, leaving only the small bud leaves, which are also covered with glands. The bud should be covered but not hidden. If the bud is all alone on a stick it should be removed but there is no reason to separate large buds.

Plants which are trimmed before they dry lose much less resin than dried plants. You can literally see cascades of glands drift down through the air when a dried marijuana plant is handled.

After trimming, the buds should be placed back into the curing room. After ten days the temperature of the room should be raised into the high 80's and air circulation continued so that the buds dry. ●



## GREAT INDOORS

continued from page 54

36" tall two-three ounce plant (dried tops only) after eight weeks of flowering: stout, broad tops laden with thick gooey resin. Or Lime Bud, a Sativa/Indica cross, with long, dainty, lime green leaves and light-weight buds packed with pistils and glistening resin glands. Or Northern Lights, a mainstay variety in Vancouver, B.C. that matures into a four-foot, four ounce plant at the ripe old age of 85 to 90 days. But everyone's favorite is Big Bud because she grows huge buds and has the sweetest, mintiest taste in the world. My last crop weighed in at 3½ pounds, that's better than four ounces a plant!"

All of these varieties were developed by industrious, careful and caring individuals that have kept meticulous detailed records of plant growth habits and the offspring that resulted when they crossed a male plant with a female. Indoor breeding is two or three times faster than outdoors. As many as three generations may easily be completed in one year indoors. The breeder controls the hours of light and darkness per day, causing the plants to flower and produce seed at will.

Selective breeding (also known as selective sexual propagation) has completely changed the quality and yield of indoor marijuana crops. The starting point is to collect marijuana seed from well known pot growing regions throughout the globe. The various seed strains are grown and studied thoroughly without any cross breeding. Once each is understood, then selective breeding can begin, either to attain a pure seed stock, or to improve the strain. Once the ultimate plant is developed through this sexual propagation, it can be cloned to preserve the genetic blueprint created by selective breeding.

Cannabis Indica seeds are highly prized for their potency and adaptability to the indoor environment. The characteristics of Indica plants include: squat, bushy, vigorous growth; early, sustained potency; disease resistance; and heavy bud yield. An Indica plant may yield two to four times the dry bud weight of a Sativa at harvest. Thai, Colombian, and Mexican are examples of Cannabis Sativa. These Sativa varieties are tall, lanky, and disease resistant, with narrow, long leaves and light buds that take up to three months to mature. But the high is energetic, soaring, and clear.

Ideally, skilled breeders will strive to retain the desirable dominant growth characteristics of both Cannabis Sativa and Cannabis Indica to form super strains. Breeders may cross a Sativa with an Indica, hoping to retain the desirable soaring high while keeping the short,

stocky growth characteristics and early maturity of the Indica.

Selective breeding requires the breeder to simply assume the role of Mother Nature once again. In nature, pollen from the male cannabis plant is shed into the wind to randomly fertilize any receptive female plant. A breeder adds precision and control to this process by catching pollen from a desirable male and carefully placing it in contact with chosen female pistils.

**Skilled breeders will cross a Sativa with an Indica, hoping to retain the Sativa's soaring high while keeping the stocky growth and early maturity of the Indica.**

**Two basic kinds of breeding are: (1) inbred or true bred—plants of the same strain or ancestry that are crossed with one another. (2) outbred or hybrid—plants of different strains that are crossed or cross-pollinated.**

The goal of inbreeding is to establish a pure breed to start from. Selected females are pollinated with male pollen of the same strain, then the resulting seeds are planted and checked for variability. This process may take several generations to produce a strain that actually breeds true. Pure bred plants are grown until the fifth to sixth generation, after which negative characteristics, like low potency, legginess and lack of vigor tend to dominate.

This true or pure breed is essential to establish common growth characteristics. Without a pure breed on one or both sides, it is difficult to predict the outcome of a hybrid cross. Ideally, both male and a female are pure bred plants, with known ancestry and growth attributes.

A hermaphroditic plant (a plant displaying both male and female flowers) will self-pollinate and produce inbred seeds. Although this is a shortcut to inbreeding, the seedlings resulting from self-pollination may tend to be hermaphroditic themselves. This can be a real headache for the sinsemilla grower or breeder, with unwanted seeds and uncontrolled pollen. Nonetheless, the

seed produced by a hermaphrodite that has just a few male flowers on a female plant will be 80-90% female seed. One easy way to produce seeds from an all female clone crop is to stress one of the female branches by twisting a piece of wire around one of the branches a couple of weeks before flowering is induced. The extra stress will usually cause the plant to produce male flowers.

Outbreeding, or producing hybrid seed, has increased agricultural production more than anything. Farmers, breeders and cannabis horticulturists have found that crossing parents of different pure strains, especially those exhibiting exceptional, dominant, complementary characteristics, will result in a super plant, also referred to as hybrid vigor.

It is possible to cross Sativa/Indica. Some growers swear by the cross, saying you get the best of both plants: vigor and size from the Sativa, and squat, bushy, early, potent growth from the Indica.

Choosing from a large and varied plant stock is the key to successful breeding. Since the origin of most seed is dubious, an accomplished breeder waits to see what kind of plant it produces, before deciding which plants to cross to form hybrid seed. If the breeder plants only a few seeds, there is no guarantee that they will grow into ideal breeding stock, even if they came from dynamite smoke. If the breeder instead selects the best plants from many seedlings of various strains of Cannabis Indica (and/or Sativa), he or she will have a better chance of achieving the desired outcome.

## BREEDING: STEP-BY-STEP

**STEP ONE:** Choose male breeding stock exhibiting desirable characteristics.

**STEP TWO:** One branch full of male flowers is all that will be needed, unless a large crop is desired. Unused branches may be stripped of flowers to help contain pollen and guard against accidental, random pollination. The male can be isolated from the females, once flowers have developed, but not yet opened, by placing him in a sunny window or in a vegetative grow room. This will slow flower development and not hurt the male in any way.

A branch of ripe, male flower may be cut and placed in water. It will remain healthy for several weeks. When the pollen sacks open, proceed with Step Three. The remaining male plant may then be cut back or harvested.

**STEP THREE:** When the pollen pods start to open, place a clean plastic sack or baggie over the branch to collect pollen. Secure the bag at the bottom with a piece of string or wire tie. Keep the bag over the branch for several days to collect pollen.

**STEP FOUR:** When enough pollen has been collected, shake remaining pollen off into the bag. Remove spent branch. Pollen may be kept for several weeks by removing all vegetative matter to prevent mold, and storing the pollen in a dark, dry container in the refrigerator.

**STEP FIVE:** Ideally, pistils should be ready for fertilization three to four weeks after the first calyx has appeared. Receptive pistils are white and fuzzy, not starting to turn brown. Cover the selected female branch that has many ripe, receptive pistils, with the pollen filled bag. Shake the bag.

**STEP SIX:** Use a small paint brush to apply the pollen from the bag to the pistils if just a few seeds are desired from many different females. Be very careful. Just use a little pollen on each calyx and keep it from spreading to the sinsemilla crop.

**STEP SEVEN:** Leave the bag for two or three days, to ensure fertilization. Be careful not to scatter pollen on adjacent sinsemilla crop when removing the bag.

**STEP EIGHT:** After fertilization, seeds will be ripe in three-six weeks. Harvest seeds when they split open the containing calyx or rattle in the pod.

**STEP NINE:** Let seeds dry for two-three months, in a cool, dry place, before planting.

For more information on the marijuana breeding, purchase the best book available: **MARIJUANA BOTANY, An Advanced Study: The Propagation and Breeding of Distinctive Cannabis**, by Robert Connell Clarke (\$12.95, And Or Press, 1981). Clarke discusses, in understandable, scientific detail, genetics and breeding, as well as cloning, climate, chemistry, and much more of interest to the serious breeder.

This is the eighth in a series of articles by Jorge Cervantes, author of the best-selling **INDOOR MARIJUANA CULTURE**, known by many as the Bible of indoor growing. The series outlines indoor growing from A-Z, for both novices and experienced gardeners alike.

## JORGE'S HARVEST

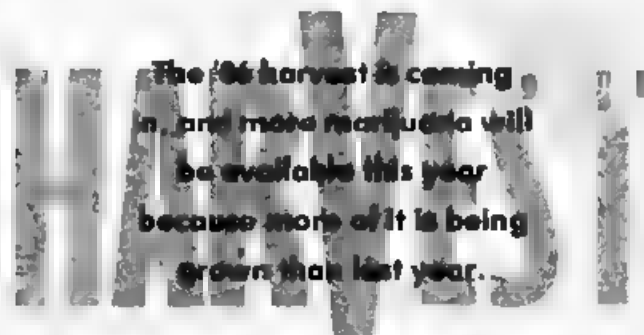
*continued from page 55*

(CAMP) contributed to a lighter harvest and higher marijuana price. CAMP aided local law enforcement agencies in staging marijuana eradication raids all across the United States. As well as harvesting an enormous amount of wild Midwestern fibrous "no high" hemp plants, they confiscated thousands of marijuana plants cultivated by guerilla growers.

Sound bad? Not really. CAMP claims to have harvested a larger percentage of the

There is such a glut of cocaine on the US market that the new highly addictive "crack" has won a firm place in the market.

Colombia claims to have eradicated over 85% of its marijuana fields. Nowhere is it ever mentioned that the cocaine traffic has simply replaced the marijuana traffic. This summer, authorities confiscated thousands of pounds of cocaine in Colombia. The U.S. Drug Enforcement Administration (DEA) was elated. They waited for an increase in the street price of cocaine to signify the impact of the largest coke bust in history.



1985 marijuana crop than is humanly possible. CAMP releases their own facts and figures and the sad fact is, they believe their own news releases. For example, CAMP claims to have eradicated over 90% of the California marijuana crop. Is it possible to eradicate over 90% of the nation's most valuable cash crop in the largest agricultural state in the Union? I doubt it.

According to the 1985 "Annual Marijuana Growers Survey" by *Sinsemilla Tips Magazine* (Vol.5, #4), approximately 11% of the crop was confiscated by the law. As much as 18% might have been stolen by thieves. This actual survey of real growers gives thieves more credit for cheating the growers out of their mature harvest than law enforcement officials. The choice is yours: which set of "facts" sounds more believable to you?

Guerilla growers now raise fewer, more potent plants in well camouflaged patches. These varieties of marijuana produce heavier, more potent yields on more compact plants. Now the harvest of 1986 is coming in. More marijuana will be available this year because there is more of it being grown than last year, just like the year before.

Marijuana imports have slowed to a crawl. One reason: cocaine. This powder is much easier and more profitable to smuggle than marijuana. Cocaine sells for ten times as much and weighs only a fraction as much as marijuana, making it easier to conceal and transport. The penalties are essentially the same for the illegal importers. Consequently, smugglers find cocaine rather than marijuana to be the most profitable contraband.

To the DEA's chagrin, there was no change in the supply or price of cocaine in the United States.

Smart domestic growers have seen the writing on the wall. To quote from *Newsweek* magazine (August 4, 1986, p. 16) "A pound of high-grade California sinsemilla, available on the East Coast for \$2,000 last year, currently sells for \$5,000." This price seems inflated to me, but I've heard numerous rumors from many cities that people are literally begging for more \$3,000 pounds!

Look for higher prices in the 1986-87 harvest season. Last year, at the peak of the harvest season, the growers' rock bottom wholesale price was \$1800 per pound, in quantity. This year that base price will probably be in the \$2,000 to \$2,500 per pound range.

This year, the growers' answer to CAMP is: "If CAMP is looking for marijuana, let them find marijuana. Let them try to find it all. We will always harvest some of the crop. It is easier to plant hundreds of plants than it is to find and destroy them."

This year, I believe we will realize an actual 2-10% increase in domestic marijuana production over 1985. However, this harvest will have to supply a much larger demand. The wholesale and retail price will increase. More people will start growing at home, both indoors and outdoors, to help cut expenses and take advantage of the higher market price. Strange: the intent of the DEA and CAMP was to eradicate marijuana. But by their restrictive actions, these agencies are creating artificially high prices and promoting more domestic production. ●

# ECSTASY

continued from page 35

person who sold the drug as to what is in it. With MDMA and the methoxylated amphetamines, as is the case with most stimulants and psychedelics, the acute toxicity symptoms that are usually seen in treatment are similar and result from taking too much of the drug. These dose related symptoms usually dissipate as the drug wears off, and the patient can be discharged within a few hours.

In treatment data, MDMA is lumped in with the methoxylated amphetamines. The acute toxicity symptoms for all of these involve anxiety, fear reactions usually accompanied by a racing pulse and rapid heartbeat, paranoia—sometimes with delusion—and a sufficient sense of unease to prompt their seeking treatment. Treatment usually begins with reassuring the patient that these feelings are a result of taking too much of the drug, are not dangerous, and will wear off as the drug wears off. There is some variation depending on the individual. In some cases, these patients come back for a series of counseling sessions. In most cases, a talkdown similar to that used for psychedelic bad trips is sufficient.

More severe reactions to what users believed to be MDMA have been reported, including prolonged psychotic reactions, but we haven't seen them. As with any consciousness-effective drug, these psychotic breaks can happen, especially if the user has underlying psychopathology.

MDMA is a relatively recent addition to the national pharmacopia. There is not enough hard use data to firmly establish just where it is on the abuse spectrum. Certain intrinsic qualities indicate that MDMA is probably a psychoactive substance with a generally low abuse potential. These qualities include a short period of effect, two to six hours, and a reported lack of incentive to immediately readminister the drug. This may be partially due to a rapid onset of short-term tolerance, or a diminishing of desired effects. Subjects report that at dosages only a little above those used in treatment, MDMA ceases to have any further desirable effect and only increases the undesirable "wired" feelings.

A major area of concern is the quality control of MDMA manufacture. While some intrinsic quality control in a clinical setting could be provided by physicians synthesizing their own under competent supervision, no such assurance exists for MDMA manufactured underground for non-medical consumption.

On the illicit drug market, the byword is *caveat emptor*, let the buyer beware. Manufacturers of street drugs are not answerable to the Food and Drug Administration



KATE KELLER

or any other agency for the quality, or even the contents of their products. Under current conditions, there is no way at all, short of arresting all the currently illicit

manufacturers, of controlling the street preparations that are sold as MDMA, no

continued on page 86



"ARE  
YOU  
READY  
FOR  
RAMBO  
BUSINESS,  
MON?  
GET THE  
HASTA  
T-SHIRT."

**RS**

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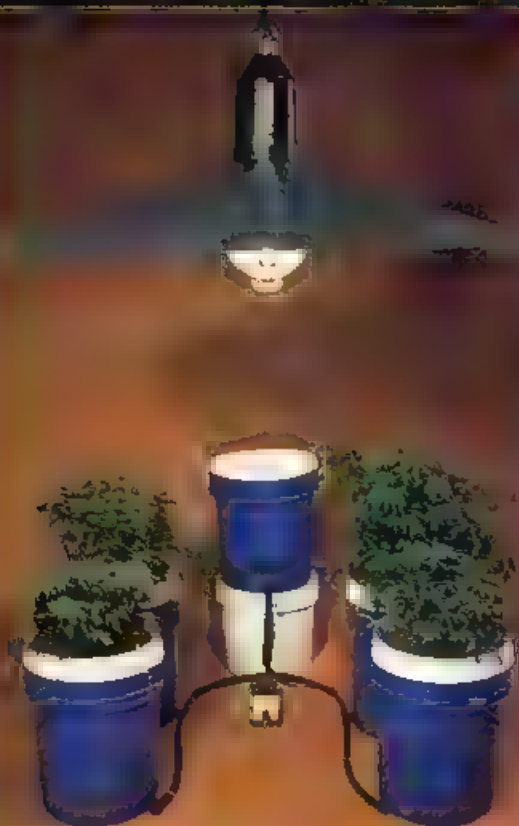


PHOTOGRAPHY BY ANDRE GROSSMAN



CALLING ALL COLLECTORS

# PRODUCTS



## MIRACLE WATER

Clone to harvest in six weeks? It's possible with Diamond's new, expandable hydro system. Finally, there's a system that will allow you to start with a single module then add up to as many as ten modules by simply adding a controller unit. The AQUA-FARM MODULAR HYDROPONIC SYSTEM has proven itself to be the state-of-the-art in modular hydroponics. And with Diamond's unique hood designs for even light distribution, there isn't a hydro system on the market that can outperform it. One module can efficiently grow an eight to ten foot plant in 12 to 16 weeks, or five to six clones to harvest in less than two months (using the new 'Sea of Green' method). Send for our free catalog to learn about the unique features that make Diamond Lights better than the rest. Call 415 459 3994 or 800 331 3994 outside California.

## VIDEO TRIPS

Ever get nostalgic for that pot-smokin' peace-loving protest march you were back in '69? Or if you're young enough to have missed the heady '60s, do you even wonder what it was really like? Now you can relive those thrilling demonstration days of yesteryear. *Smoke in the Mirror* is now available on video cassette. Ten years of primes are packed in authentic period footage which includes famous personalities: William Kunstler, Allan Ginsberg, Famous Musicians (Jimi Hendrix, Stevie Wonder, the Jefferson Airplane), Famous Professors (Ed Rosenthal), *Smoke in the Mirror* demonstrations in San Francisco, New York, and Washington, D.C. This video tape is one head trip you'll want to take. To order, send \$17.50 (check or money order) to Tap Film Productions, 343 E. 58th St., New York, N.Y. 10022. And hey, ever want to go stream hunting, but were put off by what you didn't know about how to go about it? *For of the Gods*, a complete video guide for mushroom study, can get you on your way. It includes info on how to grow and where to look for them, how to identify the good high and avoid the poisonous downsides, and how to cultivate shrooms. Mention *DMT MES* and *For of the Gods* is yours for \$50 instead of the regular price of \$86. Send to Florida Mycology Research Center, P.O. Box 8-04, Pensacola, Florida 32505.

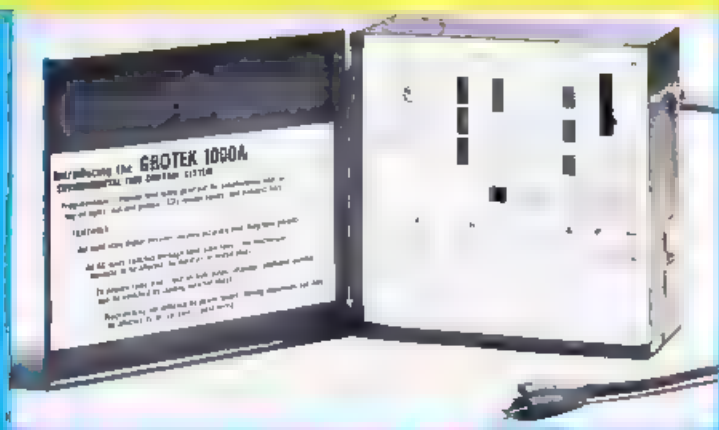




## THE MARIJUANA SEED CATALOG

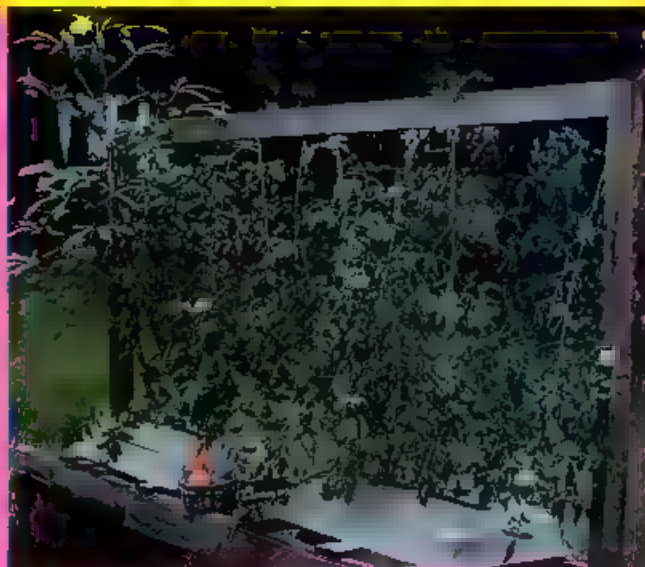
**SUPER SEEDS!**

"A plant is only as good as its mother," said plant gene genius Luther Burbank. Whether you're looking for super buds from monster plants, plants that will love your particular climate and thrive, or plants that will practically grow themselves indoors while you go about your business, then you should check out the seed catalogue of the Super Sativa Seed Club. This beautifully printed, four-color brochure shows the fantastic results possible when seeds are carefully bred for different growing climates, yields, aromas, resistance to molds and insects, and levels of expertise. The hybrid strains, when chosen for your specific situation, will deliver results that will amaze you! For a catalogue, send \$5 (cash) to Super Sativa Seed Club, Postbus 1942, 1000 BX Amsterdam, Holland.



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The two Leisure Gardens in the photo were planted outside at the beginning of last summer's drought. When this picture was taken, there were over 90 tomatoes on the plants, as well as 15 pieces of okra (which were the size of cucumbers). This plant was produced with two Leisure Gardens, using only the materials that we ship with each unit: six months supply of our special Field-Nutrient™ which allows the grower to regulate the amount of nitrogen the plants receive. Our aeration chamber is so unique we've applied for a patent on it. Because it eliminates the need for expensive recirculation pumps, Leisure Garden is economical -- \$49.95 -- and amazingly easy to use, requiring attention only once or twice a week. Leisure Garden is the heart of an easy-to-build and easy-to-operate system for a closet garden or for outdoor growing. For details, send \$3 to PW3 Ltd, Box 7611, Greensboro, NC 27417.





A cobra climbed the  
side of his chimney  
and green  
diamonds were  
set in its head.

*continued from page 49*

from his disheveled shirt. He lit it, took a puff and passed it to his friend who did the same.

"You?" he held the joint out to us. We both took a hit and passed it back to Frenchy. He took one more toke and then began coughing.

"You all right?" I asked. He didn't answer. Then the Englishman began to hack and spit. It sounded like we'd dropped into a TB ward. Finally, they stopped. The grass took hold and we sat back to watch the world go by in front of Banko's restaurant.

Time passed. The iddli arrived, rice cakes with hot sauce served on top of banana leaves. A blond appeared from Dreamland with a guitar and a little girl beside her.

"She is going to the beach with me today," she told her husband, handing him the guitar. "But first, I want some coffee."

"Wear your hat," he told his daughter. We don't want you getting sunburned anymore." She ran off to join a bunch of native children playing in the street.

The blond sat at the far end of the table, near the street; the others ate in silence. She was quite attractive, nicely built, a skimpy, thin cloth top and shorts that would have been in style on any street in California. Traffic was increasing on the road beside us—trishaws, cows and lots of natives walking into town.

The men all slowed (some stopped) to take a look at her, and then at the rest of us. Some of the Hindu women shook their

heads in disbelief... such shameless riffraff!

The Englishman began to pick some tunes out on the guitar. He was very good and played effortlessly. Two Hindu couples on their way back from a temple stopped to look at us. One of the women seemed to be unable to decide exactly how she felt about the strange white beings from another world. At last, the music seemed to win her over. She began to smile. The Frenchman closed his eyes, leaned back and fired up another reefer. He blew smoke in her direction.

"Aheil!" She shrieked as if she had been hit. She spat at us, then ran across the road as if we were diseased. The other woman and her husband followed. "Nizam," she called back to her own man angrily. "Nizam!"

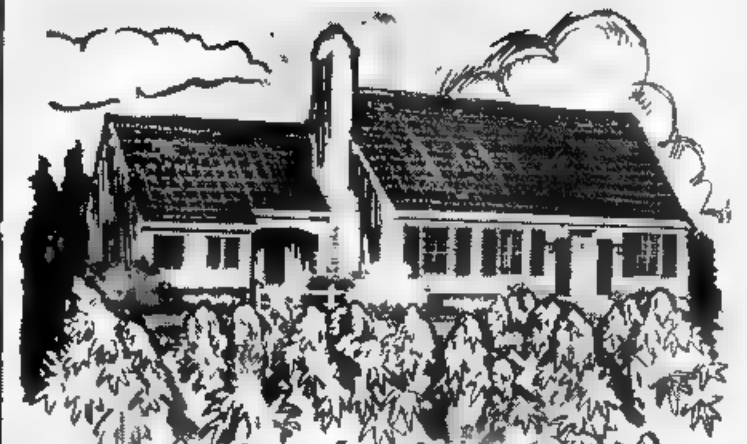
Nizam was staring awestruck, captivated by the golden English goddess. He resisted duty's call for still another moment, adding graphic detail to a memory in the making. He might never see a thing like this again. The blond began to rub mosquito repellent on her calves and ankles.

"Nizam!!!" Regretfully, he turned and left us. They continued down the dusty road, his wife berating him for his untimely discretion and his lustful ways.

"Merde..." the Frenchman muttered to himself.

A cow came wandering by and stuck its nose inside to sniff at us. It found a stack of last night's leaves (the ones they'd used for

# FAMILY THAI SHITICKS



ING the KREATION family  
EPISODE NUMBER 9 NUMBER 9 NUMBER 9

WHAT TO TELL YOUR CHILDREN WHEN THEY  
ASK YOU WHY YOU  
SMOKE POT!

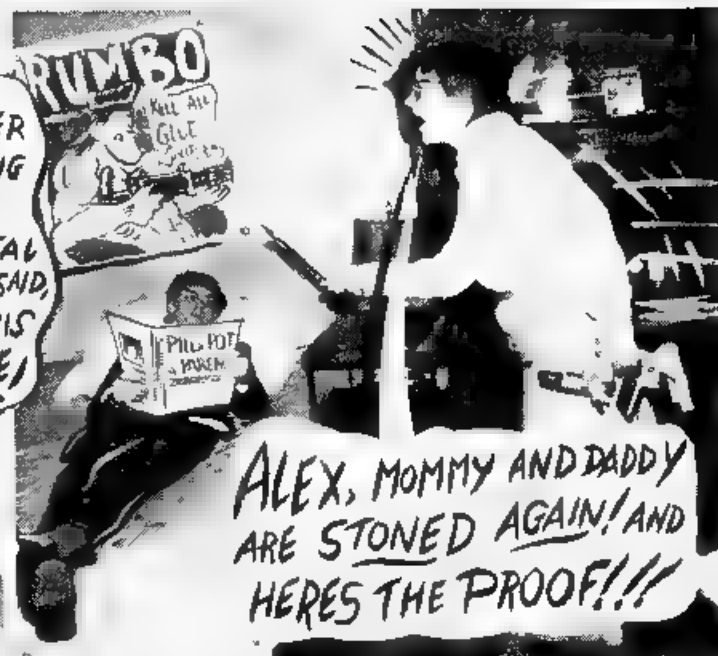


DAD, ISN'T  
IT ABOUT TIME  
I MOWED  
THE GRASS?

No, No, No! DO  
YOUR HOMEWORK  
I'LL HARVEST  
THE DOPE...ER, UH  
I'LL CUT IT WHEN  
IT'S READY!

DADDY, YOU'RE  
NOT STONED  
~AGAIN?!?

YOUNG MALLORY KRETON, SUSPICIOUS OF HER FATHER'S RECENT BEHAVIOR RETIRES TO HER BASEMENT LABORATORY!



I'VE NEVER SEEN ANYTHING SO BIG SO LONG..SO, SAY, THIS KNT A MARITAL AID LIKE MOMMY SAID, IT'S A CANNABIS CIGARETTE!

ALEX, MOMMY AND DADDY ARE STONED AGAIN! AND HERES THE PROOF!!!

MEANWHILE...



..IN THE ATTIC...

REMEMBER POT SMOKING LEADS TO INSANITY, MURDER, AND POSSIBLY FINANCIAL RUIN!



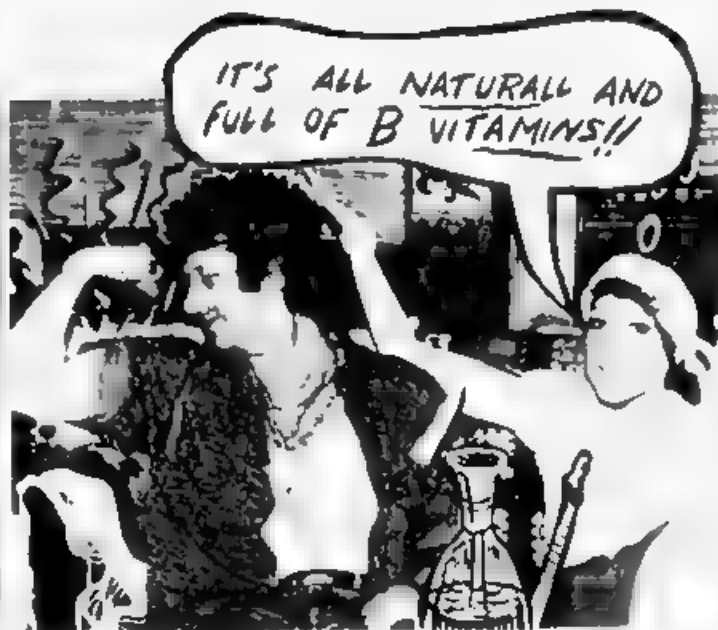
WE KNOW YOU'RE USING DRUGS!! WHY- ELSE WOULD YOU WEAR THOSE RIDICULOUS CLOTHES?!

WHY CANT YOU GO TO PTA MEETINGS LIKE EVERYBODY ELSE?

THESE ARE KIDS BRINGING ME DOWN

JERRY GARCIA'S KIDS WOULD NEVER ACT LIKE THIS!!





LATER ON THAT EVENING...



NEWS SPREADS ACCROSS THE  
NATION OF ALEX & MALLORY'S  
HEROIC DEEDS AND AN  
INVITATION TO THE WHITE  
HOUSE FOLLOWS...

MAYBE THEY'LL  
ADOPT US!

NOW THIS IS  
WHAT I CALL  
NETWORKING

Story by STEVE HAGER

Written, directed and produced by LESS McNEIL

Layout & special effects by FLICK FORD

Father: MICK FARREN (former lead singer of the Deviants)

Wife: SUEAN AARLING

Son: ROGER RAWLINGS (of the After Boys)

Daughter: ANITA LEE

continued from page 8

## ABOUT OUR LIST

Are we in any danger subscribing to High Times? We've enjoyed the magazine since the first issue but we have lately been concerned that our names will be sold on a computer list to God-knows-whom and our expensive library could be construed as conspiracy of some sort on its own—what's the scoop?

—R.B.

Atlanta, Georgia

**HIGH TIMES** very rarely sells its mailing list, and even then, only to current advertisers. However, if you are being kept up nights by paranoid fears of your name winding up on a DEA list, simply write our Circulation Manager at 211 East 43rd Street, New York, NY 10017, and ask him to black-out your name.

(Although you'll still get copies of **HIGH TIMES**, your name will not appear on the list should it ever be sold in the future.)

## SHROOM FEVER

I've noticed several ads in your magazine for *Psilocybe Cubensis* spore prints. This overt advertising of *Cubensis* spores baffles me because I thought the Federal government placed that species of mushroom on Schedule One in 1970. If the fruit of the fungus is illegal (what we generally call "the mushroom"), is it possible the spores may be sold legitimately? I am also concerned about the potential for fraud. Even if the spores are from the *Psilocybe* genus (as opposed to being made from a supermarket mushroom), there are many different species within the genus, some of which are psychedelic, some of which are inert, and some of which are poisonous.

—D.K.

Middletown, Connecticut

The statutes pertaining to psilocybin (in every state except California) forbid the sale of the drug psilocybin. There is no psilocybin in the spores of *Psilocybe* mushrooms. Therefore, the sale of *Psilocybe* spores is not forbidden (except in the state of California). Incidentally, there are no poisonous species of *Psilocybe*, unless, of course, you class psilocybin as a "poison." And we hope you're not that creatively paranoid.

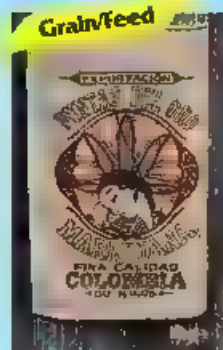
## COOL SMELLIN'

Sure do enjoy y'all's mag. It's sooo cool. I just wish the buds were scratch-and-sniff.

—Renee

Pensacola, Florida

## PAKISTANI BURLAP BAGS



Actual Size  
23" x 36"

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100% jute burlap  
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Add \$1.75 postage/Add 1 bag add 75¢ ea.

Allow  
4-6 weeks  
for delivery

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# QUEST

BY ED ROSENTHAL

Dear Ed

Instead of getting pH regulating chemicals at a hydroponics store as Jorge Cervantes suggests in the June '86 issue, wouldn't it make more sense to buy them in an aquarium shop? Pet shops usually have the chemicals in stock. There are more pet shops than hydroponics stores and the chemicals are sold cheaper but they are just as good.

—Fish lover (and closet grower)  
Urbana, Illinois

Thanks for the money saving idea.

Dear Ed,

In T.L.'s May 1986 "Grow American," he had a photo of a plant put into flowering at 7" and which grew to 18" when it was ripe.

Can you get high from a plant so young or do you have to grow a plant two months or more before it becomes potent?

How can I pollinate just a few buds of my plant without getting the whole thing seeded? I have one male plant with good genetic background outside. My female garden is inside.

—Bill

Houston, Texas

**A plant's potency is related to its maturity, not its chronology. T.L.'s plant had a high THC content.**

**Collect the pollen from the male. This can be done by cutting the flowers just before they open and placing the shoots in a cup of water in an area with still air (a closet or cupboard are good environments). Place a sheet of paper under the flowers so that the pollen is easily collected. Using a watercolor brush, paint the fresh female flowers with the pollen. You should be able to see the seeds starting to develop within a couple of days.**

Dear Ed,

I'm growing six plants under lights using Agro-Light fluorescent tubes. I have a fungus growing on the top layer of my soil. How can I stop it?

—R.J.

Fort Lauderdale, Florida

**Try letting the soil's top layer dry out a bit between waterings or place a thin layer of sand over the soil.**



## ● BUD OF THE MONTH

Afghan plant: 12 ounces on a four foot plant. This plant was so sticky it caught bugs on it. Notice how white the color is.

—Anonymous

Southeastern Kentucky

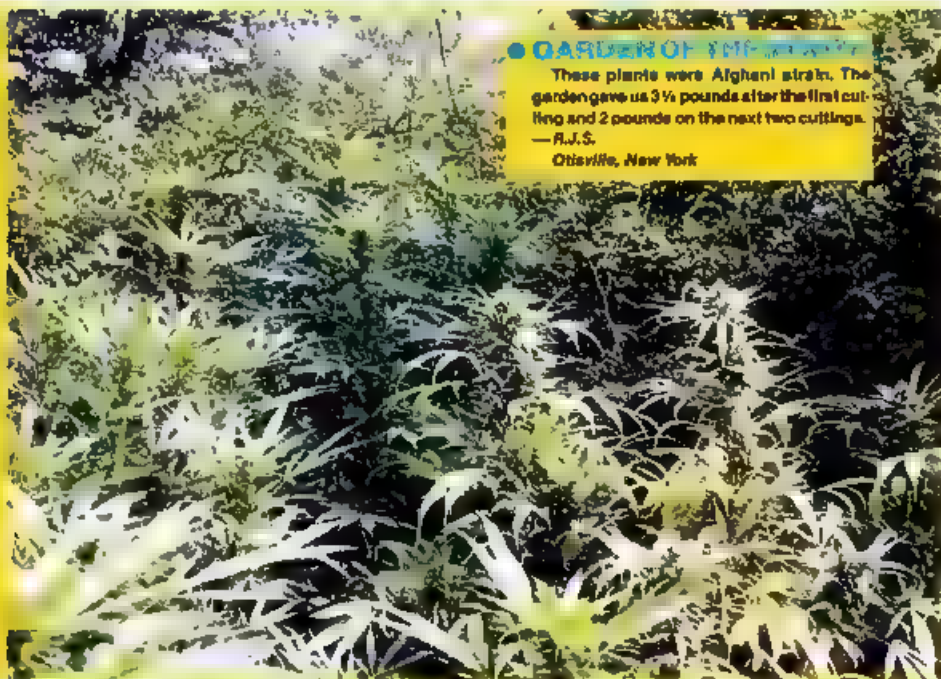


## ● PLANT OF THE MONTH

This is my third year growing this strain, an Afghan, Mexican cross. By cloning each year before harvest I have managed to keep it pure. This year we crossed it with a sixth generation Afghan male. It was big, almost 6 1/2 feet yielding almost a pound of primo bud. The only problem is that the buds were light. Maybe by backcrossing with an Afghan we can gain some weight where it's needed.

—J.C.

Somewhere in W. Mass.



## ● GARDEN OF THE MONTH

These plants were Afghan strain. The garden gave us 3 1/2 pounds after the first cutting and 2 pounds on the next two cuttings.

—R.J.S.

Otisville, New York

Dear Ed,

I have a solution (methanol) which contains the cannabinoids of a quarter ounce of marijuana. The cannabinoids are in twelve ounces of the solution, can I have them placed in just a few joints?

—Grasshoppa  
U.S.A.

**Methanol is a poisonous form of alcohol which should not be breathed or ingested. It is best not to use it as a solvent in making oil. Methanol does not leave a residue when it evaporates, therefore it should not be used.**

**As long as the methanol evaporates from the solution leaving just the oil, you are okay. However, alcohol vapors are explosive. I have met very few serious oil makers who have not had explosive experiences. The alcohol should be evaporated. The safest way is to place the solution in a warm dark place with plenty of air movement and plenty of ventilation. In a matter of days, the alcohol evaporates. To make sure all the alcohol is gone, add some water to the oil. When the water has evaporated, the alcohol is all gone. This is because water has a higher boiling point than alcohol, so the alcohol evaporates before the water.**

**After the oil has been scraped off the vessel it can be dissolved in an ethanol (drinking alcohol) solution. In some states high proof ethyl alcohol is available in liquor stores. In other states it is sold in pharmacies. Overproof rum or other high proof alcohols are available in liquor stores in most states. Use just enough so that the oil flows easily and is not viscous. Then spray the solution onto the cannabis using a small atomizer. When the ethyl alcohol dries the super-charged cannabis is ready to smoke.**

Dear Ed,

If marijuana flowers in response to periods of uninterrupted darkness, then doesn't the moon keep outdoor plants from flowering?

—Anon

Salt Lake City, Utah

**No, the moon is not bright enough to trigger the plant's response to light.**

Dear Ed,

In my outdoor garden I have found a lot of "daddy long legs" spiders (about 1 spider every two square feet). I find them on and around the plants. Do they pose any threat and what should I do about them?

—Renor

Mad City, Wisconsin

**Those spiders are insect eaters. They are obviously munching on some insects in your garden. Leave them alone.**

continued on page 73

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continued from page 71

Dear Ed,

I have two questions.

I have a 4' x 4' grow room. Which would be better to use with a 400 watt metal halide lamp, a 46" dish shaped hood or a 21" parabolic hood?

How soon after germination can I start to flower and how long should I allow it to flower?

—Pat Pot Head  
Odessa, Texas

**The 21" parabolic hood would direct more of the light downward than the 46" dish shaped hood which allows more light to travel diagonally or horizontally.**

**The plants can be set into harvest at any time, but they yield most efficiently when they are placed into harvest when they are two to three feet high.**

Dear Ed,

Two friends and I moved our herb indoors about two years ago when the skies started to fill with green-pot eating assholes.

Our plants are large enough but lack any sign of the all-important THC.

The plants were grown under a 1000 watt halide in an 8' x 8' grow room. The difference in this crop came from an abrupt change in the budding cycle. At the end of the second month we lowered the light from 16 hours to 12 which made the plants flower. Then we took it back to 15 hours at which time they stopped budding and returned to the vegetative cycle.

Our purpose in this experiment was to manipulate the plants into producing more THC. We blew it.

Please tell your readers to grow by the same photosynthesis as the sun, and leave the photo-manipulation alone.

—A.D.  
Pell City, Alabama

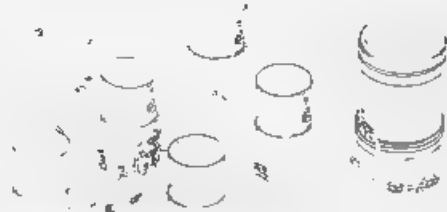
**Thanks for your observation. However, I do not think that the change in light cycle eliminated the THC. It might have set the flowering back a bit as the plants went back into vegetative cycle and then reversed back again into flowering. But the plants' potency should not have been significantly affected. In fact, T.L. uses a technique of setting the cycle up again for a few days to re-stimulate flowering and he claims there is no loss in potency.**

**I would say the lack of potency was primarily genetic.**

continued over

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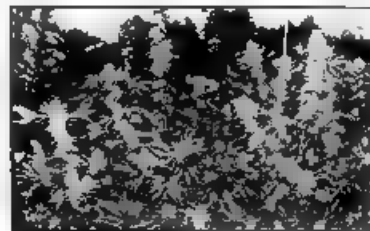


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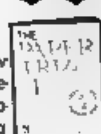
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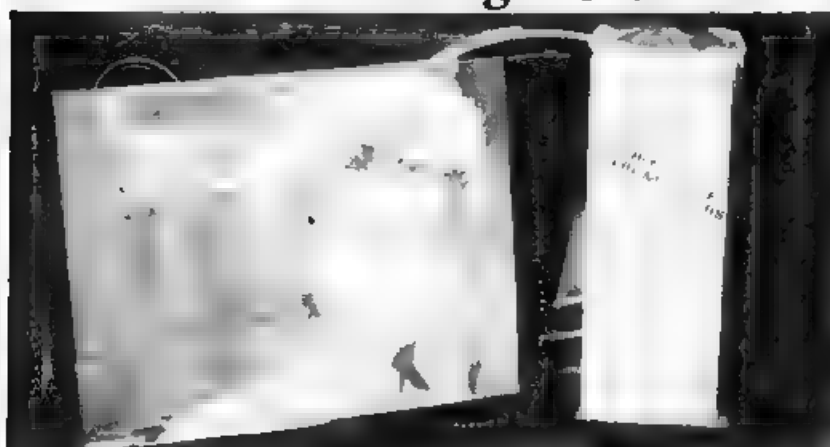
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continued from previous page

Dear Ed,

We had hard water, so we got a water conditioner. This system calls for using bags of salt. Will this water help or hurt our plants?

B & J,  
North Carolina

**Water "softened" using salts is not good for your plants. It probably contains chlorides, which are toxic in large quantities and also increases the amount of dissolved solids in the water.**

Dear Ed,

This is my first experience in indoor growing and I am having some problems.

My garden consists of a 400 watt MH light and 10 plants growing in a medium of vermiculite, perlite and styrofoam in 1 - 1/2 and 3 gallon containers. I use a wick system with 3/8 inch nylon wicks. The lights are on 20 hours and off 4.

I use Raymond Bridwell's 12-4-16 hydroponic fertilizer, keep the pH at 7, and change the nutrient solution every 7-10 days.

The problem started with the second set of leaves. They started lightening around the veins and eventually turned yellow and died. This condition moves up the plant and affects everything except the new growth, which is stunted. The plants are 30 days old and 4-10 inches tall. What's wrong?

—Tim  
Kerrville, Texas

**This sounds like a magnesium deficiency which is common in potted plants, especially since many hydroponic fertilizers do not contain this essential element. The deficiency can be eliminated using Epsom salts (magnesium sulfate MgSO<sub>4</sub>) at the rate of one table-spoon per gallon of water.**

Dear Ed,

I have been trying to find information on how to extract THC from the leaves. Because ISO machines are no longer available, I'm stuck. I've heard it's easy to make an ISO machine using items from around the house. Is this true?

—The big "J"  
Upstate New York

**The book Cannabis Alchemy describes a THC extraction process using kitchen equipment. It is available from the HIGH TIMES Bookstore, see p. 94.**

Dear Ed

We know that water filters out the carcinogenic and other harmful elements in pot smoke. We would like to ask the following questions

Will more water filter more harmful substances, and if too little water is used, will it not filter enough?

Is the temperature of the water and smoke a factor in filtering?

If the smoke is cooled in the water will it expand as it warms up in the lungs and induce coughing?

—Anonymous  
U.S.A.

*The longer the path of the smoke bubble, the more the smoke is filtered. Smoke which travels a shorter path through the water will not be as clean as that filtered through more water. The water filters out water soluble gases, solid particles which we see as smoke, and water soluble liquids, leaving the oil soluble cannabinoids, including THC in the air stream.*

*The temperature of the water affects the solubility of the particles. Most substances are more soluble in hot water than in cool water.*

*The lungs are better off with cool air, which we are used to breathing than with hot air, which may irritate the lungs. Maybe the best type of pipe would filter the air through two reservoirs, the first with hot and the second with cool water.*

Dear Ed,

I have two questions

Do I have to wash the leaves if I foliar feed so that the leaves don't get burned?

What are some good formulas for foliar feeding?

—Potential Connoisseur  
Baldwin Park, California

*It would be a good idea to wash the leaves between foliar feeding, which can be administered once a week.*

*Any hydroponic formula can be used at about 1/4 the strength recommended for root feeding.*

● I welcome comments, tips and questions regarding marijuana and marijuana cultivation. Send all letters to Ask Ed, HIGH TIMES, 211 E. 43rd St., New York, NY 10017. Also send entries for the Bud, Plant and Garden of the Month Contests. All correspondents whose letters or photos are used will receive a free copy of my book, **Marijuana Growers Handbook, Indoor/Greenhouse Edition.**




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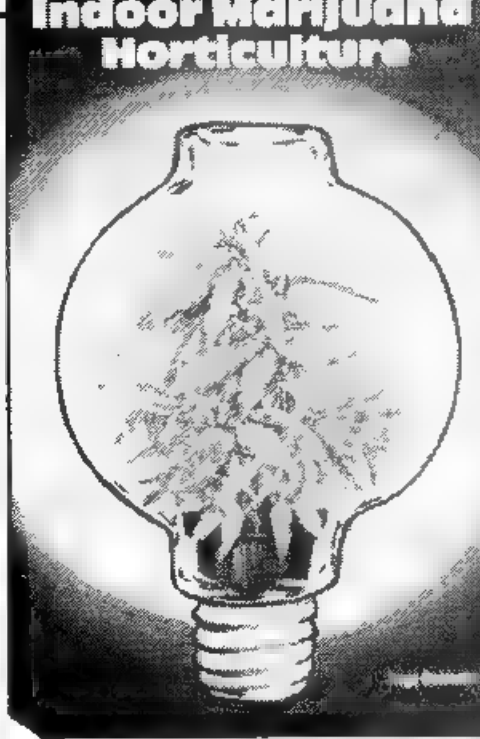
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# Baba Boom at the Mickey Mouse Cafe

continued from page 64

dishes) and ate them. Banko turned his back on it to clear our table and the cow moved in another step to grab a bunch of carrots that were sitting by the sink. It had then swallowed by the time Banko found his stick and sent the happy bovine trotting down the road. I swear, that cow was grinning.

We had lunch at the "Mouse" and then came back to sit and smoke some more. The baba showed up looking better but not good. He had a different chillum pipe that day. "I sell these," he confided to me. Baba lit the pipe then passed it around the table... Boom.

A hindu tour group of 15 or 20 people came by with their guide. They stopped to look at us. The guide spoke as they gaped at us.

"Where are they from?" one of the Hindus called to Banko.

"Germany, United States and England. France," he added finally.

"Ah," they nodded with new understanding.

Baba Boom jumped up with a surprising burst of energy. "Jaya Jagannath!" he cried out. The startled Frenchman jumped. It took the Hindus by surprise. They laughed and called back, "Jaya Jagannathh." They walked away, all jabbering about the western drug fiends.

**T**here was always something going on inside or outside Banko's. An occasional European traveler stopped to drink a cup of coffee, smoke and talk. Some rented hammocks in the Hotel Dreamland's large communal rooms. Six hammocks to a room, two rows, three up, a dollar fifty cents a day. A lot of trishaw drivers came inside to take a break and watch the action.

Once two English teenage girls showed up with joints as big as large cigars. "We got these in Thailand," they announced as the two bombers went around the table. The local craftsmen stopped to show us coral necklaces and other shell crafts.

Baba showed up every afternoon. We smoked and talked. He was a wanderer with no fixed base of operations. He told stories from his travels down in southern India. One story concerned a herd of elephants he'd seen attack and crush a village without provocation. After it was done, the pachyderms walked calmly back into the jungle.

"They had a reason," Baba told us. "Maybe ivory poachers lived inside the village. Elephants know more than people think."

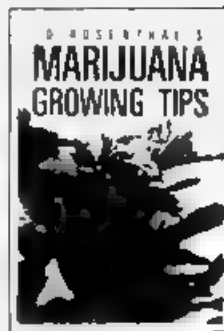
We listened to the baba's stories and a lot of others in the shade of Banko's thatch roof hut. Outside, beneath the burning sun, the spectacle of life in India passed by us on the dusty road. The time slipped by unnoticed, days grew into weeks. I caught an Asian cold and soon was hacking with the rest of them; drugs destroy resistance after a while.

Our visa time and energy ran out in Puri and we never made it to Calcutta. We packed up and caught a two day train into Delhi. After that, we took an Air France hop to Bangkok, then Korean Airlines to Los Angeles.

"Do you think we'll ever go back there again?" Liz asked as we stood waiting for our luggage at the baggage carousel.

"I don't know; maybe later."

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# CASE IN POINT

## NEW FEDERAL LAW MAKES IT DIFFICULT TO HIRE A LAWYER

BY ROBERT FOGELNEST

One of the new provisions of the new federal law which is troubling lawyers quite a bit is a change in the Internal Revenue Code. Effective January 1, 1985, any person who receives more than \$10,000 in cash, in one or more related transactions, is required to report the transaction to the IRS and to issue a written annual statement to the person who paid the money. The person who receives the money must report the name, address, and identifying number of the person from whom he received the money, the date and the nature of the transaction as well as "such other information as the Secretary of the Treasury may require." Lawyers are now required to inform the IRS when a client pays a cash fee in excess of \$10,000. It is not unlikely that those attorneys submitting forms will find themselves called as government witnesses against their own clients and also disqualified from representing the clients.

The statute defines cash as either U.S. or foreign currency. Thus it appears as if a lawyer could be paid in gold, diamonds, real estate, money orders or a Mercedes without having to file a form with the IRS, but receipt of cash triggers the reporting requirements. Knowledgeable attorneys are concerned that advising a client of some method to avoid filing the forms, such as bringing in a cashier's check under \$10,000 could result in the government indicting both the client and the lawyer and claiming a conspiracy to obstruct justice. Just as no ethical, competent attorney would ever consider even arguably violating the law and thereby

rendering himself less able to protect a client's rights, similarly no competent lawyer wishes to find himself in the position of being ethically bound to protect a client's confidences but also being required by law to report what may well be evidence of tax evasion and thereby become a witness against the person who has sought the attorney's aid. An informal survey of attorneys on both the NORML legal committee and the National Association of Criminal Defense Lawyers has not suggested an ethical, workable solution to this monumental problem which will certainly occur in some cases.

The new law will also make it difficult for people to retain lawyers by virtue of its forfeiture provisions. Under the new law, any felony drug offense carries with it a provision for the forfeiture of any property which was derived from the crime for which a person was convicted. The government can also claim forfeiture of property which was used or intended to be used to commit or facilitate the crime, such as a car or house. Moreover, the law provides that the property in question, whether in be an airplane or cash, vest in the United States at the time that the offense was committed. In short, this means that money which was made illegally cannot be used to pay an attorney or for that matter anyone else.

It has always been difficult for the government to produce direct evidence that property constitutes or was purchased with the proceeds of illegal drug transactions. The new law, however, provides for a presumption in the government's favor that all the property of a person convicted of a drug felony is subject to forfeiture if the government can establish two things. First, that the defendant acquired the

A monthly report on drugs and the law.  
Written in consultation with Kevin Zeese,  
NORML Chief Counsel.

property at, or reasonably after the time of the crime; also, that the person convicted had no likely source for the property other than the crime. Thus, an attorney defending a person in a felony drug case, runs the risk that if his or her client is convicted, and unable to show that the money used to pay the fee was either acquired before the time of the violation or that the client had another source for the money other than the violation, the attorney may have to turn over the fee to the United States government. This provision could well deter some of the better and busier criminal defense lawyers from accepting drug cases for fear that after devoting a substantial amount of time and energy to a case, they will be required to turn their fee over to the government or at the very least engage in extensive litigation in an attempt to keep it. Some lawyers suspect that this is exactly what the Department of Justice wanted to accomplish.

The lawyers are already fighting this attempt by the government to interfere with the constitutional right to counsel, and with some success. On February 22, 1985 in the case of *United States v. Gerald L. Rogers, et al.*, United States District Court Judge John Kane of Denver ruled that attorneys' fees are not forfeitable if they were received by the lawyer "in return for services legitimately rendered... and not as part of an artifice or sham to avoid forfeiture." This is the first ruling on this problem. The government will almost certainly appeal the ruling up to the United States Supreme Court.

In ruling that the lawyers fees weren't to be forfeited Judge Kane stated

"The government would possess the ultimate tactical advantage of being able to exclude competent counsel as it chooses. By appending a charge of forfeiture... the prosecutor could exclude those defense counsel which he felt to be skilled adversaries."

You can bet your bottom asset (forfeitable or not) that the prosecutors want that tactical advantage. They know full well that there are a limited number of lawyers who possess the dedication, desire, knowhow, and ability to fully protect the rights of a person accused in a drug case. If the prosecutors can effectively limit the lawyers who do the best job for the accused from getting paid they will have won a major battle in the "War on Drugs." They also will have caused major damage to the Constitution. We'll see. •

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# HIGH FIVES



MORICA DEL

## CRIME AND THE CITY SOLUTION

**1:** Back when **Nick Cave** was just another obnoxious aspiring young Aussie fronting the seminal (read: miserable) Boys Next Door, his favorite band was Crime and the City Solution. Among dirgemongers in the know, Crime ruled. 'Venshally, the Boys Next Door and Crime shuffled players, exchanged draft choices, and gave parthenogenic birth to the Birthday Party. With Cave at the front, the Party redefined the bathetic swain's wail, made a mark on every tortured rock artist's worth his black jeans, and split up. Cave formed the Bad Seeds; Crime resurfaced.

Cave has always been as predictable as he is compelling, and his new EP **The Singer** (*Homestead*), is no exception. Of the three songs—all covers—only Leadbelly's "Black Betty" really cuts loose, as Cave adds new psychotic energy to passages like, "Black Betty had a kid/Biamalam/Damn thing was crazy/Biamalam." It seems like a dead end, but Cave is banging his head against it with gusto.

**2:** **Crime and the City Solution** new EP **Adventure** (*Mute Import*), is a steadier if less balls-out view of backwater terror and swamp angst. Sorta like Flannery O'Connor meets *The Honeymoon Killers* for a couple minutes of sweeping generalities. Or like finding out that behind a grade-B overstylization of pain lies real suffering. What makes both Cave and Crime rock isn't their corny psycho gestures, but their credible psycho insistence that the corny gestures really mean just what they say.

**3:** **James Brown, In the Jungle Groove** (*Polydor*). Everything you could ask from the world: eight crucial jams—reissues from '69 to '72, some in new or rare configurations—that testify to the power of guttural grunts and Bootsy Collins. Not to mention extended trips to the bridge, call-and-response shouting, and sweat comma cold. Wild shit.

**4:** Somewhere in a dark corner of your cluttered home or cluttered mind rests something that resembles **Pussy**

**Galore**, a post-Cramps shock wave of loud garageability that does business under names like "Teen Pussy Power," "You Look Like a Jew" and "Cunt Tease." Admit it, scumbag, you're not so clean. These tasty youth anthems pop like zits on the impossibly noisier **Groovy Hate Fuck EP** (*Shove*). They squirm, they slither, and they remind you that Valentine's Day is just a few months away.

**5:** **Pushtwangers, Here We Go Again** (*Relativity*). Forget about the Swedish neo-grunge rock on the vinyl. You want killer grunge, pick up one of the two recent Celibate Rifles albums. You want a picture of a naked lady with a peel-off sticker dress, this is the only game in town.

## HIGH FIVES INFO

*Homestead*, Box 570, Rockville Centre, NY 11571-0570

*Shove Records*, 3044 O Street N.W., Washington, D.C. 20007

*Relativity*, 149-03 Guy R. Brewer Blvd., Jamaica, NY 11434.



# BOSSSES

continued from page 15

cially non-drug-abusers, can be expected to object to these humiliating procedures with considerable emotion, the consultant acknowledged. However, direct and intimate surveillance is obviously mandatory for any employer who wants to conduct an even minimally effective anti-drug-abuse program. If drug users are given an open opportunity to salt, dilute, or substitute their urine samples, nearly all will do so, and so the testing program will ben an acknowledged public sham.

Male employees should be watched by male guards, the consultant recommends, and female employees by women. This requirement has led to some memorable fiascoes, he recalls, as at one maritime company in Florida: "It was a small town, and the only clinic with testing facilities was staffed all by women. Since all the testees were men, we decided to just have a garbage

can lined with a plastic garbage bag to handle the urine spill-over, so they could do it in private, but there wouldn't be any water available for dilution. Well, one fellow who worked there, a marijuana user, was

thing: amphetamines, methaqualone, cocaine, opiates, THC, everything. And when he was asked how that happened he threw up his hands and said, 'Hey, I was only smoking marijuana.'"

## Not much salt is needed to spoil the EMIT drug test, and sleight-of-hand artists are able to palm the stuff into their samples.

pretty worried, so he waited at the very end of the line, and was the last of about 40 men to go in. And he saw that the garbage bag was well over half full of urine, so he didn't furnish any of his own urine at all, just scooped up a cupful of the collected spillover in there.

"Well of course," chuckles the consultant, "that sample came up positive for every

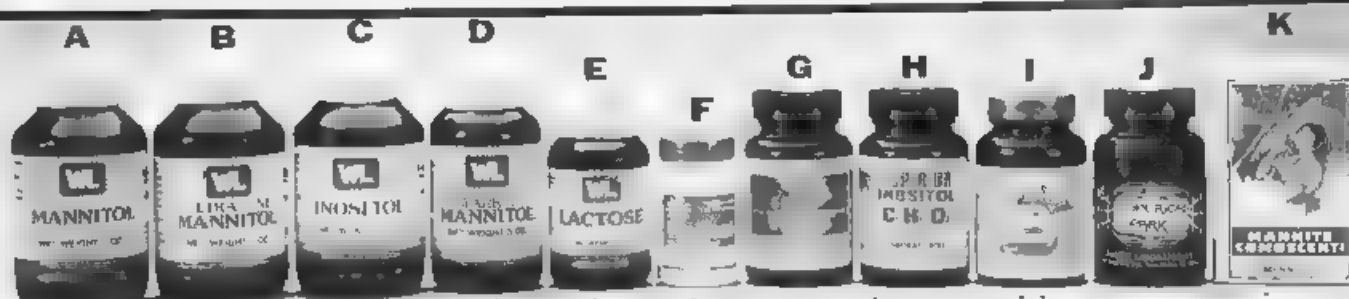
### The pH Perplex

Many sleight of hand artists, of course, will still be able to palm the necessary test-foiling quantities of salt or Drano or whatever into their urine samples, even if they're stripped to a hospital gown and watched closely by professional observers. Not very much salt is needed, acknowl

edges the manufacturer of the EMIT line of drug tests, the Syntex/Syva company of Palo Alto, California. The EMIT is far and away the most widely-used drug testing system in America, even though the basic drug-seeking reagent chemicals in the EMIT consists of protein based enzymes, which are extremely sensitive to weak acids or bases. Undetectable amounts of salt or lye (common table salt, Drano, household ammonia, etc.) will neutralize the reagent enzyme's activity, ensuring a "no drug content" readout on the doctored sample. Even before *Newsweek* advised its readers about this last spring, Syntex/Syva was warning the purchasers of its EMIT that it was easily blanked in this way, and that therefore drug-test subjects should be intimately monitored to prevent if from happening.

Employers concerned about this test-doctoring ploy have been advised by some consultants to simply have the acid-to-

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## URINE TEST

continued from page 25

cases, and urinalysis challenges have come to predominate his caseload over the last few years.

"Once you've determined in court that the drug testing was inadequate," counsels attorney Bishop, you'd obviously be better off demanding money damages instead of reinstatement and back pay. If your employers have already fired you because of some drug test, then what's to keep them from doing something like that again? And any way, you're going to have to pay your attorney, and if he expects he'll get part of a good fat settlement, he'll really go after the other charges, infliction of emotional distress and slander. And the judge ought to be ready to award something pretty substantial, too.

Here's where there could be trouble for you," Bishop warns. "To try to cut down the size of the damage award, your employers are liable to try to blacken you as some sort of drug addict before the judge. If they've got lots of money, they can hire private investigators to root into your personal history; and so if you ever so much as smoked pot with your pals in college, years ago, that's likely to be brought up in court, as luridly as possible, by your boss' lawyers. The judge might react by paring the damage award down to a token settlement; or he might *enhance* it, disgusted with your boss' smear tactics. These are all things you ought to think about beforehand."

A person might also think about simply insisting that all these piss profiteers, with their billion-dollar defamation racket, be subject to appropriate prosecution, fines, and imprisonment. Last May, in fact, several celebrated Congressional "antidrug hardliners"—led by Reps. Charles Rangel and Benjamin Gilman—emphatically called for new legislation to police and regulate the notoriously crooked urinalysis industry. Congresspersons currently drafting such legislation include Sen. Pat Schroeder (Colo.), Reps. Gary Ackerman and George Crockett (Mich.). If you were to just write your personal congressman right now, expressing your opinions and questions about drug-urinalysis in the American workplace, you could actually make a significant difference.

Appropriate legislation to regulate the chemistry industry would take the bread right out of the mouths of all these piss profiteers, who have been working so hard, for so many years, to break into and plunder our bladders, but that's democracy for you. If Syva and Roche can't make any more piss-money here, they could surely peddle *millions* of their obnoxious surveillance gimmicks to the Kremlin right now, with absolutely no legal trouble at all, ever. *Pravda* lately has been chock-full of horrific kid-and-drugs propaganda behind the Iron Curtain, but that's another dope story, of which more in the next issue. ●

continued from page 60

# ECSTASY ON TRIAL

## Is MDMA the recreational drug of choice of the future, a trendy fad, or a potentially abusive substance?

*matter what they may actually contain*

MDMA usually appears as a cream colored or very light tan crystalline powder, but color can be affected by anything from the binding agent to the manufacturer's fancy. Some MDMA tablets reported to be from Texas are bright lemon yellow.

While some long-term intravenous amphetamine users have reported injecting large dosages of MDMA for the stimulant effects, it is usually swallowed in pill, capsule, or powder. There are no reports of insufflation or snorting. Street forms of the drug are reportedly sold in low dosages, ranging in price from \$10.00 to \$30.00 for approximately 50 mg. Unit measurements can vary greatly, however, with little correlation between price and dosage.

Most first, second, third, and multi-hand sources, including the media, identify several population groups wherein non-medical MDMA use appears. In the San Francisco Bay Area, at least, one of these is the gay community where the drug is called Adam. As Ecstasy, it is used by young, well-educated, professional men and women. Individuals in both these populations appear to limit their use to occasional recreational trips, often to enhance either self-realization or interpersonal communication. In spite of its exotic street names, MDMA doesn't appear to be a sexual performance or coital sensitivity enhancer. It's not an aphrodisiac.

Most of these users are young adults. There are reports from other parts of the country, however, that many college and high school students are using MDMA non-medically as well. Shortly before the emergency scheduling, both the DEA and sources within the state were reporting massive use on Texas university campuses.

Dr. David Smith identified another population of MDMA users through his communication with past clients of the Clinic's drug treatment facilities. These were young urban folks who would probably be blue collar workers if they worked. Instead, they deal marijuana, cocaine and other substances, and added MDMA to their inventory and experimented with it themselves. Through these, we came in contact with a small population of chronic drug users who took MDMA on a regular and frequent basis. It's my understanding that many of these have stopped using the drug, not because it's less available since scheduling but because of increased toler-

ance losing the desirable effects. Several have cited fuzzy-headedness and difficulty in concentrating during chronic use as reasons for quitting.

The street supplies of MDMA probably come from underground laboratories. Street doses of the drug are often distributed by pre-existing marijuana and cocaine dealers. They have added it to their line, as it were.

By and large, these dealers see MDMA as strictly a temporary sideline. They shrug off its current notoriety.

"It's a fad," they say. "Next year it'll be something else again."

They cite the lack of a real psychedelic or euphoric "punch" and point out that MDMA doesn't produce a rush like marijuana, or speed, or cocaine, and it doesn't enhance sexual performance.

"The name Ecstasy makes it sound like it's a very sexy drug, but it doesn't really do anything for sex at all. If anything, it may retard both male erection and climaxing. The name was made up by a dealer on the East Coast who thought it would sell more pills."

Whatever its physical effects, Ecstasy has certainly caught the imagination of the American public, or at least the American media.

My own greatest concerns about the non-medical use of MDMA are twofold. For one, many people who should not be using this or any psychoactive drug may get lured into its non-medical use through positive hyperbole by well-meaning supporters and out-and-out proselytizers. These potential victims include the young, the drug naive, and those who are susceptible to compulsive abuse and addiction.

The second concern is one that MDMA shares with all other popular underground drugs. With no quality control, sociopathic and just plain ignorant manufacturers and dealers can sell just about anything they want to a gullible market and call it MDMA. Although the current one-year ban on MDMA may be an over-reaction, and it certainly casts a pall on research and experimental treatment, it enables the Drug Enforcement Administration to go after underground manufacturers and dealers of whatever passes for MDMA. Hopefully, this will allow enforcement, research, and treatment to work together in placing MDMA where it may do good instead of harm. ●

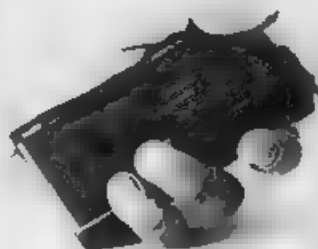
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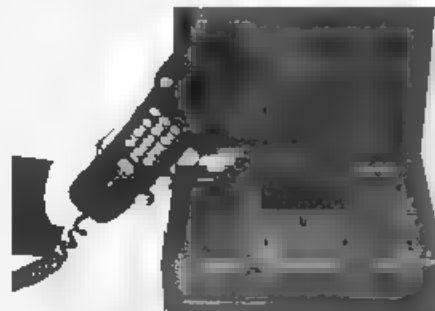
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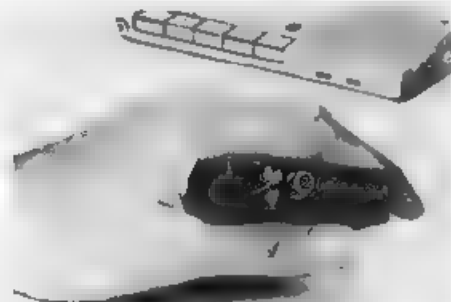
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# WATCH BAND

continued from page 40

representative of Aguilar's taste. The Watch Band contributed three originals, including *Are You Gonna Be There (At the Love In?)*, which remains one of the finest anthems to emerge from San Francisco. While other groups were falling into a quagmire of hippie idealism, the Watch Band were translating the acid experience into an us-versus-them teen drama. "Too many people don't know where they belong," sang Aguilar. "They need someone to tell them right from wrong. You better break away. Try to be yourself. Don't leave your future to someone else." Loomis' mind-bending guitar riffs are reminiscent of the best work done by Jorma Kaukonen of the Jefferson Airplane. But then, the two were friends and probably arrived at the sound simultaneously. The other two Watch Band originals were *No Way Out*, a masterpiece of early psychedelia, and *Gone and Passes By*, a sitar rave-up with a Bo Diddley beat.

However, when the album was released, the liner notes mysteriously failed to mention the band members by name. Even worse, the band had never even heard three of the songs, which were performed by studio musicians. One of these, *Gossamer Wings* was an obvious re-write of an earlier single written by Aguilar and Loomis titled *Loose Lip Sync Ship*. *Gossamer Wings* was credited to Don Bennet and Ethan McElroy, and the vocal was performed by Bennet. The other two Cobb creations, *Expo 2000* and *Dark Side of the Mushroom* attempted to cash in on the Watch Band's druggy image. *Expo 2000* was a good song, but why didn't Cobb tell the band about it or let them perform it themselves?

"We submitted two album cover designs," said Aguilar, "and they said they'll use one of them. But the album came out with a completely different cover. I came to the conclusion we were going nowhere." Aguilar was so upset he temporarily left the group.

Cobb, however, convinced everyone to get back together for a second album, promising things would be different. He was right. For the second album, things got worse. All pictures of the band and mention of names (except for Cobb and his studio cronies) were left off, and Cobb took over an entire side for his own psychedelic experiments.

"They were trying to convince us they didn't want anyone to see what we looked like until they saw our concerts," said Sean Tolby in a *Goldmine* interview in 1983. Apparently, Cobb had convinced some members of the band this strategy of not giving the band credit would create a mystique around the group. A more likely scenario, however, was that Cobb was keeping his options open, while holding the band in the worst possible bargaining position. Shortly after the record was released, Aguilar left the group for good, taking much of the fire driving the band with him.

"The Chocolate Watch Band had broken up and come together several times," Cobb told an interviewer in 1980. "I really enjoyed working with them, but they had no rules binding themselves. Consequently, they would break up. It didn't matter if they were successful or not. Then I would talk to them, and they would agree to do something else. By the time of the third album, they had developed to the point where they were so strong together, that I would have been a fool to have my influence be in there and screw up what they were trying to do."

"More likely Cobb saw a tired group," wrote Brian Hogg. "The resulting album *ONE STEP BEYOND* was a great disappointment. The group wrote most of the songs, the one cover being *I Don't Need No Doctor* which never lifts off, and the rest are rather ordinary. *Uncle Morris* was good, *Flowers* had its moments and *Devil's Motorcycle* was interesting if only for its guitar work, supplied by an incognito Jerry Miller of Moby Grape."

However, by 1969 the bottom was dropping out of the psychedelic exploitation market, and Cobb was predictably losing interest in the genre. He gave the band a free hand at last, but it was two years and two albums too late. Without Aguilar, the group wasn't complete, and Loomis was so high he couldn't perform his solos.

"Performing in front of 20,000 screaming fans is the greatest high in the world," said Aguilar, "I was really sorry to see that taken from us. I still miss it." ●

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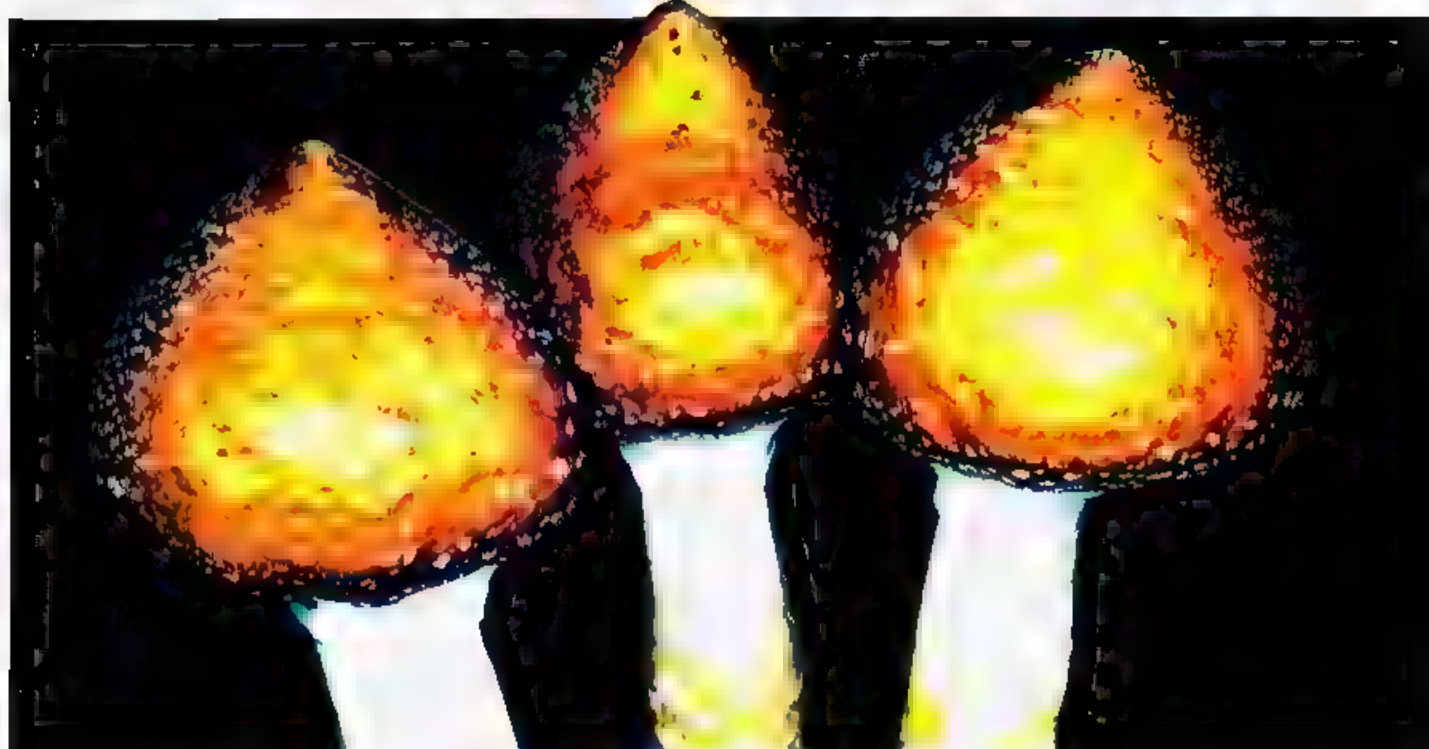
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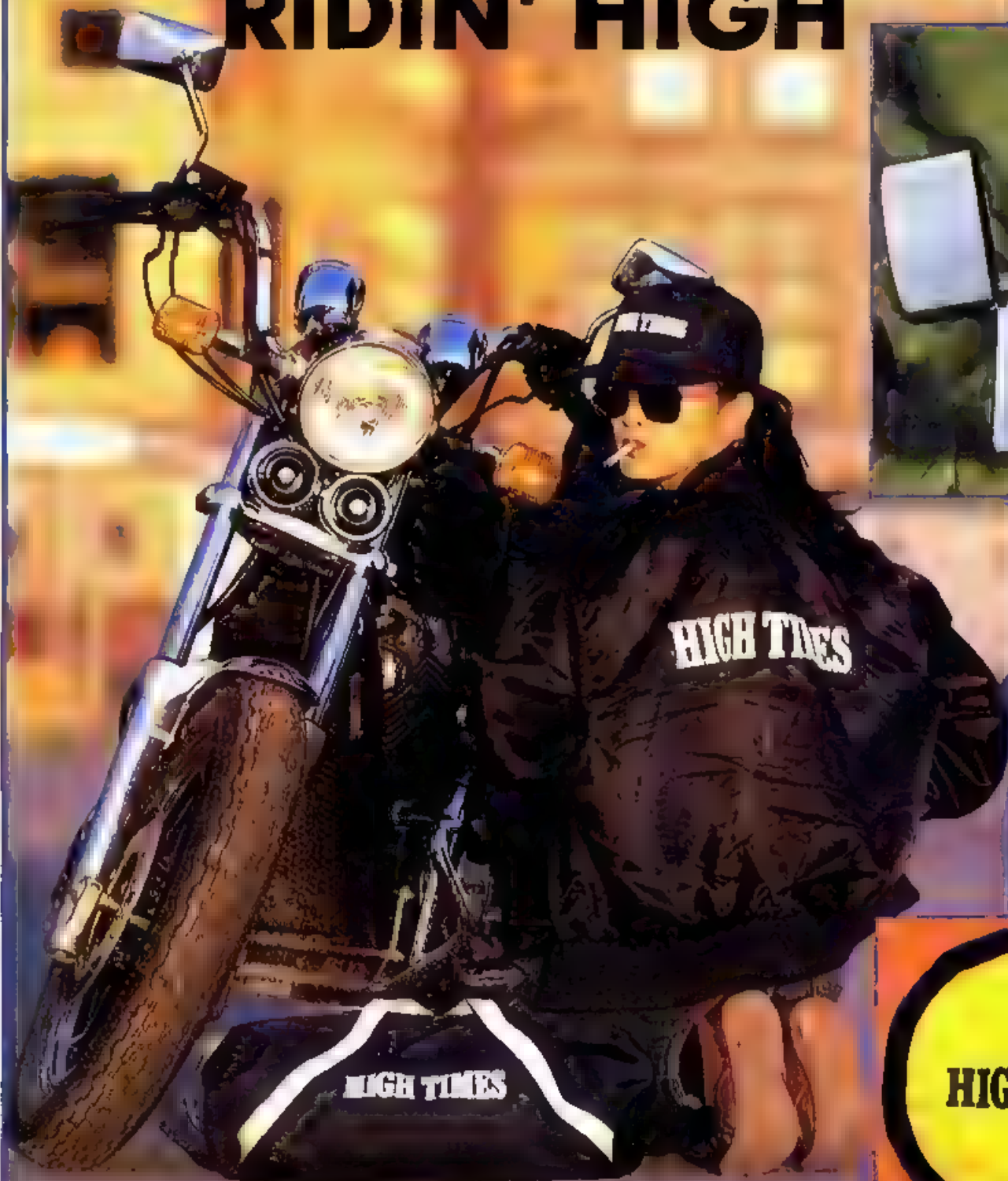
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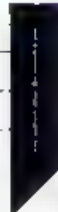
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# B O S S E S

continued from page 85

base ratio—the “pH factor” of each urine sample checked before testing. If the employee has heavily salted the sample, or added some sort of acid to it, then it will most likely show up outside the normal pH range of urine on a pH test. Inexpensive testing gadgets are available for testing pH, and the process takes less than five minutes. “If somebody wants to pay me \$10 extra per test for doing pH readings,” says the director of a large commercial laboratory in the Southeast, “I’ll be happy to do it for them.”

Other experts with no substantial financial stake in employment urinalysis tend to take a longer view of this procedure, however, and point out its obvious pitfalls. “You’re just adding another legal problem,” advises one of the top chemists at the Metpath Corporation in New Jersey, an established full-service laboratory company. “Employers and labs are already in enough legal trouble for testing people without adequate confirmatory procedures for their screening devices. To fire people on the basis of results of some pH dipstick or meter is just guaranteeing more lawsuits, in my opinion.”

Nevertheless, one Illinois laboratory which specializes in employment urinalysis has in fact been routinely testing all its urine samples for pH for some time now. “If we find one that’s out of range, we call the employer and say we think it’s been adulterated, and ask if they want us to test it or bag it,” a spokesperson there told *HIGH TIMES*. Asked if she thought an out-of-range pH result constituted adequate forensic grounds for depriving persons of their livelihood, she answered, “I’d be more likely to fire [the donor] for doing that than if there were marijuana in the sample, because this is outright deception.”

Asked then if she knew of any disease conditions, like common bladder infections, which might temporarily raise or lower a person’s urine slightly out of the normal pH range, this individual indicated

that, in her opinion, “it probably shouldn’t happen very often.”

Asked finally if she was aware that many non-drug-abusing-type people are salting their samples nowadays, because they know that many employers now test samples for “tell-tale” legitimate drugs used to treat epilepsy, depression, arthritis, diabetes, and other such medical conditions, this person indicated that she was perfectly aware of that

Abuscreen, refuses to divulge any of its research data pertaining to how the Abuscreen may react (or fail to react) to these chemicals, but they have repeatedly stated that this problem should not exist with their instruments.

Several experts contacted by *HIGH TIMES* have pointed out that in any case, the Abuscreen is never likely to become nearly as popular among employers as the

## To fire people because of “abnormal” pH readings taken before testing their urine samples for drugs just guarantees more lawsuits.

“You don’t want your medical claims going out of sight because your people are too messed up to do the proper work. Let’s face it, the bottom line is money.”

As for the professional corporate consultant, he gave pH testing low scores as an anti-drug-abuse modality. “It’s not a completely adequate alternative to direct observation of the urine donor, because it will not detect the outright substitution of clean urine. You still can’t tell if the donor came to the test site with a vial of clean urine hidden on his person. So this may be a way to correct part of the problem, but it’s by no means the remedy for the entire problem.”

### The Roche Test: Foolproof or Foolish?

According to its manufacturers, the Hoffman-LaRoche drug company, the new “Abuscreen” line of radio-immunoassay drug-urine tests ought to be virtually invulnerable to interference from salt, Drano, ammonia, or whatever other compounds may cause automatic “no drug” readouts on its competitor, the EMIT Roche Diagnostics of New Jersey, which merchandises the

EMIT, for purely practical reasons. Although the Roche tests are just as cheap as the EMIT tests (and no more reliable or unreliable), the fact is that since it employs radioactive chemicals, the Abuscreen is strictly a limited-use instrument. “You won’t find the Abuscreen in every local hospital clinic or two-bit commercial lab, that’s for sure,” says Atlanta research chemist James Woodford, an insistent opponent of EMIT testing. “I’ve seen chemists whose hair turned white overnight because they didn’t know how to properly operate a radio-immunoassay. You have to be properly certified to work the Abuscreen, and that’ll keep it restricted to responsible quality labs who insist on doing decent work, and charging extra money for it. That keeps cheap crooks and fly-by-night drug-test charlatans away from the Abuscreen.”

Professional chemists are in general agreement that the Abuscreen ought to be comparatively resistant to sample-doctoring, since it doesn’t use salt-vulnerable enzymes. “In fact,” one armed-services consultant hazarded for *HIGH TIMES*, “if there’s an interference problem here at all, it would most likely involve the protein antibodies used in the

RIA process. If a sample were virtually saturated with some very strong acid or base, the antibodies might fail to react at all with the initial test reagent, and that would probably trigger a false positive, not a negative.”

### Piss & Vinegar Don’t Mix

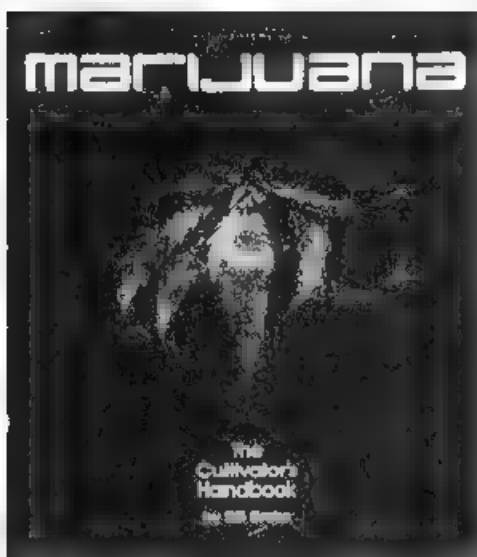
Happily, Roche Diagnostics has assured *HIGH TIMES* that its machines are not subject to false-positive results from any substance, including salt, Drano, lye or ammonia. Certainly it’s not susceptible to being blanked by vinegar, when it’s added to the sample or taken internally, and neither is any other drug test. As *HIGH TIMES* has repeatedly warned, no edible substance, taken internally, will have any effect at all on drug-urinalysis machines (except to possibly promote false-positive readings).

People nevertheless still swallow the old word-of-mouth vinegar myth, as a Florida drug testing lab director recently discovered. “Since it’s impossible to avoid smelling the urine samples,” he reports, “we might notice now and then that a sample smells acidic. For instance, some time back a technician noticed a sample that smelled frankly acetic, almost like acetic acid. We were able to determine by testing that the person had obviously been drinking a lot of vinegar just before taking the test, probably hoping that would help pull a negative. The sample, incidentally, tested positive for THC.”

People who make themselves sick drinking vinegar and such, because they’re scared of piss tests, haven’t got a chance of suing their employers for damages. They’re much better off waiting until they get fired or turned down for employment, and then taking the employers and their contract lab companies to court for wrongful discharge and the infliction of mental distress. (See article on page 14, “What To Do When You’re Fired by a Urine Test”—Ed.) ●



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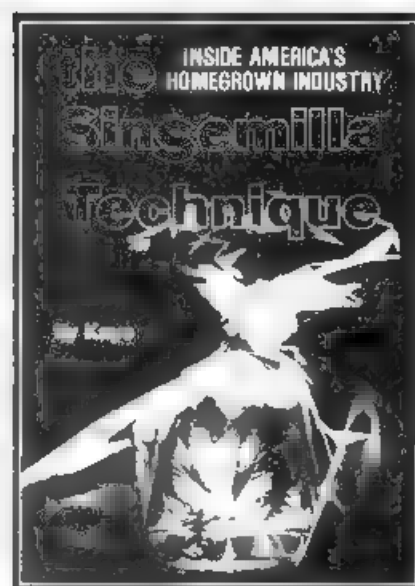
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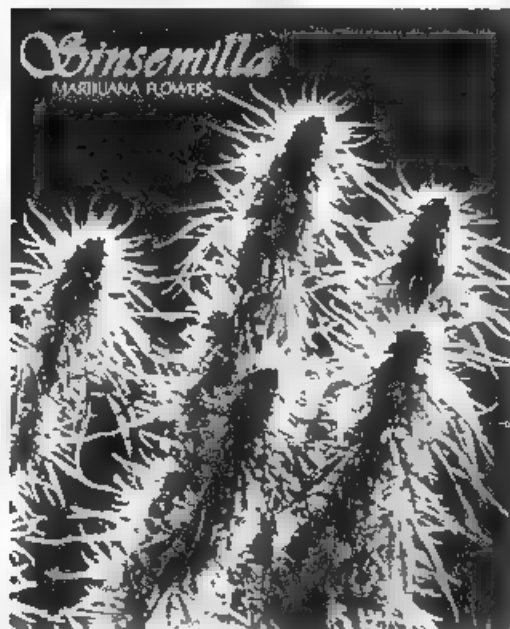
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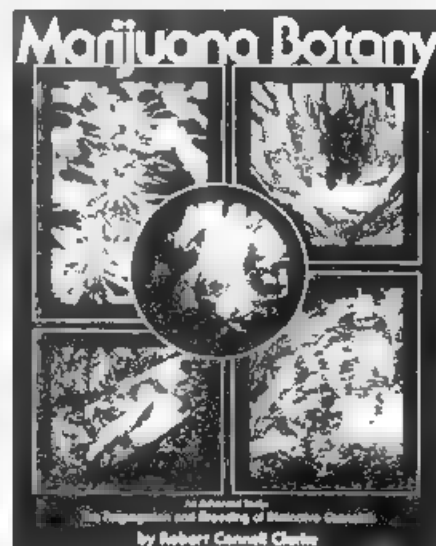
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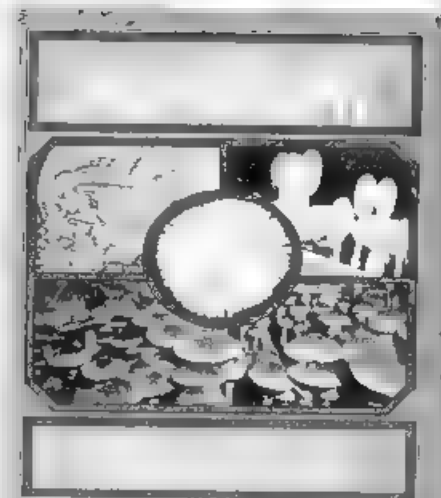
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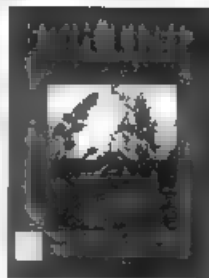
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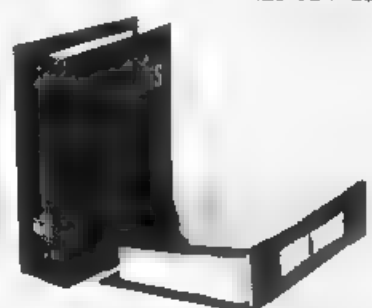
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### Prices per Bottle

	100 Size	1000 Size	3 Bottles	6 Bottles	24 Bottles
<b>PH EPHEDRINE TABLETS</b>					
21 Maxi-Whites Thin (25 mg.)	5.00	19.95	16.95	14.95	8.95
22 Maxi-Whites Thick (25 mg.)	6.00	19.95	16.95	14.95	8.95
23 Maxi-Pinks (25 mg.)	5.00	19.95	16.95	14.95	8.95
24 Yellow Cross (22.2 mg.)	5.00	19.95	16.95	14.95	8.95
25 Fastbreath (3-Way)	N/A	55.00	50.00	45.00	40.00
<b>CAFFEINE TABLETS</b>					
30 White-Cross (85 mg.)	N/A	19.95	16.95	14.95	8.95
31 Lg. Pink Hearts (225 mg.)	5.50	19.95	16.95	14.95	8.95
32 G.W. Specks (225 mg.)	5.50	19.95	16.95	14.95	11.95
33 White 20/20 (300 mg.)	5.50	22.50	18.95	16.95	14.95
34 Pink 20/20 (300 mg.)	5.50	22.50	18.95	16.95	14.95
35 Blue 30/30 (300 mg.)	5.50	22.50	18.95	16.95	14.95
36 Magnum 33.7 (325 mg.)	6.00	25.00	21.95	18.95	15.95
<b>CAFFEINE CAPSULES</b>					
41 Green & Clear (275 mg.)	6.00	25.00	21.95	18.95	15.95
42 Blue & Clear (200 mg.)	6.00	25.00	21.95	18.95	15.95
43 Lg. Yellow (250 mg.)	6.00	35.00	32.00	29.95	25.95
44 Sm. Yellow (200 mg.)	6.00	35.00	32.00	29.95	25.95
45 Lg. Black (250 mg.)	6.00	35.00	32.00	29.95	25.95
46 Sm. Black (200 mg.)	6.00	35.00	32.00	29.95	25.95

\*Special Discounted Price

## PH SLEEP AIDS

	Price Per Bottle	3 Bottles	6 Bottles
SP Soma-Pap (100 tablets)	12.95	10.95	8.95
LT L. Tryptophane (60 tablets)	11.95	9.95	8.45

## DIET AIDS

	Price Per Bottle	3 Bottles	6 Bottles
SH Super Nine Diet (60 tablets)	11.95	9.95	8.95
GF Grapefruit Diet (60 tablets)	12.95	10.95	9.95
PP PPA Diet (100 tablets)	9.95	8.95	7.95
FAC Fast-A-Caine (100 tablets)	12.95	10.95	8.95

## MISCELLANEOUS

	Price Per Bottle	3 Bottles	6 Bottles
UGS Ultra Gro Shampoo	9.95	8.95	7.95
JGC Ultra Gro Conditioner	12.95	11.95	10.95
JGB Ultra Gro Bath	19.95	17.95	16.95
TVM The 12 Vitamin M (250 tablets)	9.95	8.95	7.95
FCS FlashCap (sample pack)	1.29	1.29	1.29
FC3 FlashCap (30 tablets)	9.95	8.95	8.45
FC9 FlashCap (90 tablets)	19.95	17.95	16.95
CP1 CPC 100 capsules	2.95	10.95	8.95
CP2 CPC (250 capsules)	19.95	16.95	14.95

## ORDER FORM

Mail to: **N.F. SUPPLY, INC.**

Portland, OR 97212 Or Call: 1-800-342-6555 Within OR: (503) 282-8884

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Address \_\_\_\_\_

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### FREE SHIPPING ON ALL PREPAID ORDERS

P#	Code	Size	Qty.	Unit Cost	Total Cost

Handling Charge **\$2.50\***

TOTAL \$ \_\_\_\_\_

\* No Handling Charge on Orders Over \$25.00

\* Personal checks will be held 20 days before shipping.



# TOP 40

THIS MONTH!	LAST MONTH!	HEY! THIS MONTH'S VOTE!	HMPH! LAST MONTH'S VOTE!	THIS MONTH'S EXCITING NEW VOTE!	LAST MONTH'S BORING OLD VOTE!	THIS MONTH'S (HOW!) VOTE!	LAST MONTH'S (YAWN) VOTE!
1. <b>SEX</b>	1. 11.	SNORKELING	- 21.	REEBOKS	- 31.	ANY KIND OF BABY ANIMAL	-
2. <b>GRATEFUL DEAD</b> (INCLUDES SEX AND DRUGS) ?	3. 12.	<b>LSD</b>	- 22.	<b>Zillygitty</b>	- 32.	WIMPY VOTE OF THE MONTH <b>the Raunch Hands</b>	20.
3. <b>SINSE/POT/REEFER</b> CANNABIS, THC, WHATEVER, ETC.	2. 13.	<b>PIZZA</b> ESPECIALLY WITH CANADIAN BACON	9. 23.	<b>VAN HALEN</b>	11. 33.	<b>Bobby Sherman</b> FORMER TEEN IDOL VOTE OF THE MONTH	-
4. <b>DEAD HEADS</b> WRITE-IN VOTE OF THE MONTH	- 14.	<b>TIE-DYED UNDERWEAR</b> FASHION FAD OF THE FUTURE!	- 24.	COLORFUL SUNSETS AND SUNRISES	- 34.	<b>WILD PARTIES</b>	8.
5. <b>THE YOUNG ONES</b> FUNNIEST T.V. SHOW EVER (on MTV)	- 15.	<b>Zed Leppelin</b> (OR IS THAT LED ZEPPELIN?)	10. 25.	INDOOR GROW ROOMS	- 35.	<b>BONG HITS</b>	-
6. <b>BEER</b>	4. 16.	<b>Hawaii Kola Buds</b>	- 26.	<b>ADRENALINE</b>	16. 36.	<b>DIVORCE COURT</b> SECOND FUNNIEST T.V. SHOW!	-
7. <b>MOTORCYCLES</b> ESPECIALLY HARLEY-DAVIDSONS	5. 17.	<b>Steven King</b> THE DEAD ZONE IS THE BEST!	31. 27.	<b>TEX AVERY</b> CARTOONS	- 37.	<b>FOGGY DAYS</b>	-
8. <b>The FLY</b> DISGUSTING FILM OF THE DECADE!	- 18.	<b>FRANK ZAPPA</b>	- 28.	<b>BOB MARLEY AND THE WAILERS</b>	28. 38.	<b>My Dog</b>	-
9. <b>FRIENDS</b>	6. 19.	<b>ZIPPY</b> THE PINHEAD	- 29.	WINNING THE LOTTERY!	- 39.	<b>JOLT</b> SUPER NEW SODA!	30.
10. <b>HENDRIX</b>	17. 20.	MINIATURE GOLF IN THE POURING RAIN	- 30.	<b>COTTON CANDY</b>	- 40.	<b>RONALD REAGAN (?)</b> DON'T BLAME ME! IT'S YOUR VOTE!	-

WRITE DOWN YOUR LIST OF THE FINEST, FUNNIEST, AND BEST THINGS IN LIFE! SEND IT TO US! WE'LL PICK OUT THE MOST POPULAR AND MOST INTERESTING STUFF AND SPREAD THE WORD ON OUR TOP 40

#1 \_\_\_\_\_

#2 \_\_\_\_\_

#3 \_\_\_\_\_

VOTE FOR **ANYTHING!** CHOICES NOT RESTRICTED TO LIST.

MAIL THIS BALLOT (OR A REASONABLE FACSIMILE)  
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to mention prices that make our competition squirm.

ture. We also use high-temperature triple-jacketed 600-volt wire for your absolute safety. And as an added feature, pulse-rated bulb sockets of 5-KV.

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MS 1000 BU clear Sylvania \$62.00

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High-pressure sodium LU 1000 Sylvania \$69.95

High-pressure sodium LU 400 Sylvania \$45.00

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